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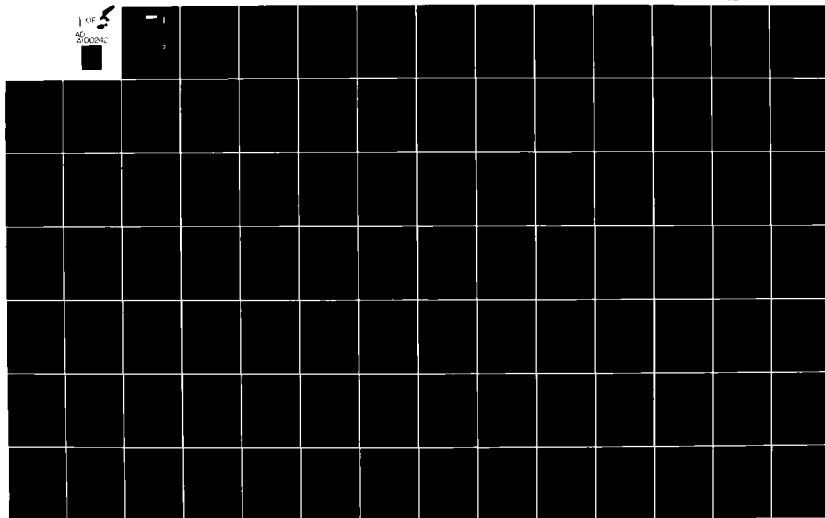
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PRINCE GEORGE APT, BRITISH COLUMBIA, CANADA, REVISED UNIFORM SU--ETC(11)
NOV 71

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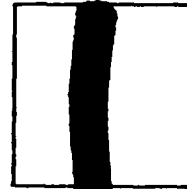


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USAFETAC/DS-81/037

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REPORT OF THE SUMMARY OF
SURFACE WEATHER OBSERVATIONS

PRINCE GEORGE B C DOT APT WBAN #25206
N 53 53 W 122 41 ELEV 2218 FT CYXS WMO #72896

PARTS A, C-F

POR FROM HOURLY OBS JAN 57-DEC 66

NOV 02 1971

REC'D NOV 08 1971

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Wayne E. McCollom

WAYNE E. MCCOLLOM, Chief
Technical Information Section
USAFETAC/TST

FOR THE COMMANDER

Walter S. Burgmann

WALTER S. BURGMANN
AWS Scientific and Technical
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| 4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)-Prince George Apt, British Colombia, Canada | | 5. TYPE OF REPORT & PERIOD COVERED Final rept. | | | | | | | | | | | | | | | |
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| 16. DISTRIBUTION STATEMENT of this Report Approved for public release; distribution unlimited. | | | | | | | | | | | | | | | | | |
| 17. DISTRIBUTION STATEMENT of the abstract entered in Block 19, if different from Report | | | | | | | | | | | | | | | | | |
| 18. SUPPLEMENTARY NOTES The following parts are missing from this document: Part A- Atmospheric Phenomena Part B- Precipitation, Snowfall, Snow Depth Part E- Daily Max, Min and Mean Temp/ Extreme Max and Min Temp | | | | | | | | | | | | | | | | | |
| 19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table> | | | *RUSSWO | Daily temperatures | Atmospheric pressure | Snowfall | Extreme snow depth | Extreme surface winds | Climatology | Sea-level pressure | Psychrometric summary | Surface Winds | Extreme temperature | Ceiling versus visibility | Relative Humidity | *Climatological data | (over) |
| *RUSSWO | Daily temperatures | Atmospheric pressure | | | | | | | | | | | | | | | |
| Snowfall | Extreme snow depth | Extreme surface winds | | | | | | | | | | | | | | | |
| Climatology | Sea-level pressure | Psychrometric summary | | | | | | | | | | | | | | | |
| Surface Winds | Extreme temperature | Ceiling versus visibility | | | | | | | | | | | | | | | |
| Relative Humidity | *Climatological data | (over) | | | | | | | | | | | | | | | |
| 20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Prince George Apt, British Colombia, Canada It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over) | | | | | | | | | | | | | | | | | |

DD FORM 1 JAN 73 1473

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables
* British Colombia, Canada
** Prince George, Canada
20. and dew point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurring tables.

The Period of Record (POR) for Daily Observations is:
JAN 57- DEC 66

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FORM NO. 1-60
1-2-60
1-2-60 (REV)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are defined as data recorded on reporting forms and compiled into Summary of the Day observations. (Collected from hourly, half-hourly, or other intervals, of the day, morning, etc.)

DESCRIPTION OF SUMMARIES

The following summaries are included in the Revised Uniform Summary of Surface Weather Observations: Hourly, Daily, and Summary of the Day. Hourly and daily observations recorded by stations operated by the U. S. Bureau of Meteorology, and by other stations reporting regularly.

Summary of the Day observations are included for this station:

A. STATION IDENTIFICATION

STATION NAME AND NUMBER

DATA NOT AVAILABLE

STATION TYPE

DATA NOT AVAILABLE

STATION CLASS

DATA NOT AVAILABLE

STATION CODE

DATA NOT AVAILABLE

STATION LOCATION

STATION ELEVATION

STATION TYPE

PART B. DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

EXTREME MIN & MAX WET BULB

MEAN & STD DEV.

(WET BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART C. STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD SUMMARY GROUPS

The following summaries are included in the Revised Uniform Summary of Surface Weather Observations: Hourly, Daily, and Summary of the Day. Hourly and daily observations recorded by stations operated by the U. S. Bureau of Meteorology, and by other stations reporting regularly.

THREE HOUR GROUPS

The following summaries are included in the Revised Uniform Summary of Surface Weather Observations: Hourly, Daily, and Summary of the Day. Hourly and daily observations recorded by stations operated by the U. S. Bureau of Meteorology, and by other stations reporting regularly.

STATION NAME AND NUMBER

STATION TYPE

STATION CLASS

STATION CODE

STATION LOCATION

STATION ELEVATION

STATION TYPE

STATION CLASS

STATION CODE

STATION TYPE

STATION CLASS

STATION CODE

| | | | | | | |
|-----------------------|---------------------------|----------|-----------|-------------------|-----------|------------|
| STATION NO ON SUMMARY | STATION NAME | LATITUDE | LONGITUDE | STATION ELEV (FT) | CALL SIGN | WMO NUMBER |
| 25206 | PRINCE GEORGE B C DOT APT | N 53 53 | W 122 41 | 2218 | CYXS | 72896 |

STATION LOCATION AND INSTRUMENTATION HISTORY

| NUMBER OF LOCATION | GEOGRAPHICAL LOCATION & NAME | TYPE OF STATION | AT THIS LOCATION | | LATITUDE | LONGITUDE | ELEVATION ABOVE MSL | | OBS PER DAY |
|--------------------|------------------------------|-----------------|------------------|--------|----------|-----------|---------------------|-----------|-------------|
| | | | FROM | TO | | | STATION (FT) | BAROMETER | |
| 1 | Prince George B C Dot Apt | C | Jan 57 | Dec 66 | N 53 53 | W 122 41 | 2218 | N/A | 24 |

| NUMBER OF LOCATION | DATE OF CHANGE | SURFACE WIND EQUIPMENT INFORMATION | | | | REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE |
|--------------------|------------------|------------------------------------|---------------------|------------------|-----------------|---|
| | | LOCATION | TYPE OF TRANSMITTER | TYPE OF RECORDER | HT ABOVE GROUND | |
| 1 | Jan 57 to Dec 66 | Not available. | N/A | N/A | N/A | Hourly surface observations on magnetic tape from DOT Canada. |

1. The following are the primary elements of various atmospheric phenomena and obstructions to vision, and are presented in the tables as follows:

PART A

WEATHER CONDITIONS

The following are the primary elements of various atmospheric phenomena and obstructions to vision, and are presented in the tables as follows:

1. The following are the primary elements of various atmospheric phenomena and obstructions to vision, and are presented in the tables as follows:

2. The following are the primary elements of various atmospheric phenomena and obstructions to vision, and are presented in the tables as follows:

3. The following are the primary elements of various atmospheric phenomena and obstructions to vision, and are presented in the tables as follows:

4. The following are the primary elements of various atmospheric phenomena and obstructions to vision, and are presented in the tables as follows:

5. The following are the primary elements of various atmospheric phenomena and obstructions to vision, and are presented in the tables as follows:

6. The following are the primary elements of various atmospheric phenomena and obstructions to vision, and are presented in the tables as follows:

7. The following are the primary elements of various atmospheric phenomena and obstructions to vision, and are presented in the tables as follows:

8. The following are the primary elements of various atmospheric phenomena and obstructions to vision, and are presented in the tables as follows:

9. The following are the primary elements of various atmospheric phenomena and obstructions to vision, and are presented in the tables as follows:

10. The following are the primary elements of various atmospheric phenomena and obstructions to vision, and are presented in the tables as follows:

11. The following are the primary elements of various atmospheric phenomena and obstructions to vision, and are presented in the tables as follows:

12. The following are the primary elements of various atmospheric phenomena and obstructions to vision, and are presented in the tables as follows:

13. The following are the primary elements of various atmospheric phenomena and obstructions to vision, and are presented in the tables as follows:

Items which are not included in a separate category on this form but is included in the category of Obstructions to Vision, below.

Obstructions to Vision - Included in this category are the obstructions which are not included in the category of Obstructions to Vision. Since more than one type of obstruction may be present, the sum of the individual categories may exceed the percentage total. If a condition, such as precipitation, may reduce visibility, it is not considered an obstruction to vision. Therefore, in this case, the percentage total of obstructions to vision need not reflect the actual reduced visibility.

2

ATMOSPHERIC DIVISION
 550 117
 AIR BASE SERVICE/AC

WEATHER CONDITIONS

252 5 WILCOX GEORGE C. OUT PT
 STATION STATION NAME

57-66

YEARS

11
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST.) | THUNDER- STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|--------|-----------------|--------------------|---------------------------|----------------------------------|-------------------------|------|----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| JAN | ALL | | 1.0 | .9 | 31.0 | | 33.8 | 7.4 | .3 | .5 | | 8.1 | 7438 |
| FEB | | . | 3.6 | .4 | 17.0 | . | 21.1 | 6.1 | .4 | .5 | | 6.2 | 6768 |
| MAR | | .2 | 3.3 | | 10.4 | .0 | 13.4 | 3.3 | .0 | .1 | | 3.9 | 7440 |
| APR | | .1 | 7.2 | . | 4.4 | . | 11.7 | 1.5 | | | | 1.3 | 7200 |
| MAY | | .3 | 11.4 | | 1.5 | . | 12.6 | 2.3 | .1 | | | 2.4 | 7440 |
| JUN | | .9 | 12.3 | | .2 | .1 | 12.8 | 2.0 | .1 | | | 2.1 | 7199 |
| JUL | | 1.1 | 9.6 | | | .0 | 7.6 | 2.6 | .2 | | | 2.5 | 7440 |
| AUG | | 1.3 | 12.2 | | | .0 | 13.0 | 4.4 | 2.5 | | | 6.7 | 7440 |
| SEP | | .5 | 14.1 | | .4 | | 14.3 | 8.4 | .1 | | | 8.4 | 7200 |
| OCT | | .1 | 13.3 | .1 | 3.6 | | 16.8 | 8.7 | .2 | | | 8.7 | 7440 |
| NOV | | . | 5.1 | .0 | 21.0 | | 25.9 | 8.0 | .1 | .1 | | 8.1 | 7200 |
| DEC | | | 2.7 | .0 | 23.4 | .0 | 25.3 | 5.3 | .1 | .1 | | 5.6 | 7440 |
| TOTALS | | .3 | 7.4 | .2 | 9.7 | .0 | 17.9 | 5.1 | .3 | .0 | | 5.4 | 67665 |

2

ATMOSPHERIC SERVICE
SAFETY
AIR FORCE ENGINEERING

WEATHER CONDITIONS

2020 OFFICE OF THE CHIEF OF THE AIR FORCE
STATION STATION NAME

27-68

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM ROUTE OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|-----------------|-------------------|-------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| 1 st | 0-12 | | 1.0 | | 34.4 | | 35.7 | 8.0 | | .1 | | 9.0 | 930 |
| | 1-5 | | 1.0 | | 30.1 | | 37.6 | 8.3 | | .1 | | 9.0 | 929 |
| | 6-18 | | 2.0 | | 35.4 | | 35.0 | 8.1 | .1 | .1 | | 9.0 | 929 |
| | 9-11 | | 2.0 | .1 | 31.0 | | 35.1 | 9.0 | 1.0 | | | 10.0 | 930 |
| | 2-4 | | 1.5 | .2 | 29.4 | | 35.0 | 5.0 | .2 | .3 | | 6.7 | 930 |
| | 5-7 | | 1.5 | .2 | 24.9 | | 25.3 | 4.0 | | .1 | | 4.3 | 930 |
| | 8-10 | | 1.0 | .2 | 31.2 | | 33.2 | 6.0 | .5 | .1 | | 7.0 | 930 |
| | 11-3 | | 2.0 | .4 | 31.0 | | 34.3 | 7.0 | .2 | .1 | | 7.6 | 930 |
| TOTALS | | | 1.0 | .4 | 31.0 | | 33.8 | 7.4 | .3 | .3 | | 8.0 | 7438 |

DATA PROCESSING DIVISION
USAF ETW
AIR EATER ENGINEER AT

WEATHER CONDITIONS

232 57-66
STATION STATION NAME

57-66

YEARS

196
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST) | THUNDER- STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|--------|----------------|--------------------|---------------------------|----------------------------------|-------------------------|------|----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| 1-2 | 0-02 | | 3.4 | .5 | 20.0 | | 23.9 | 7.9 | .5 | .2 | | 7.7 | 846 |
| | 3-05 | | 3.2 | .7 | 20.1 | | 22.9 | 8.3 | .6 | | | 8.7 | 846 |
| | 6-08 | .1 | 2.4 | .8 | 19.3 | | 21.5 | 7.7 | .5 | | | 7.7 | 846 |
| | 9-11 | .1 | 3.1 | | 20.1 | .2 | 22.9 | 7.1 | .1 | .1 | | 7.1 | 846 |
| | 12-04 | | 3.1 | .5 | 15.7 | | 21.4 | 4.3 | .5 | | | 4.4 | 846 |
| | 5-07 | | 4.0 | .4 | 15.6 | | 19.7 | 2.1 | .5 | | | 2.2 | 846 |
| | 18-20 | | 2.0 | .4 | 14.8 | | 17.4 | 4.4 | | | | 4.4 | 846 |
| | 21-23 | | 3.1 | .6 | 16.4 | | 20.2 | 7.6 | .2 | | | 7.6 | 846 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | . | 3.6 | .4 | 17.6 | .2 | 21.1 | 6.1 | .4 | .2 | | 6.2 | 6768 |

2

DATA PROCESSING DIVISION
 USAF ETW
 AIR WEATHER SERVICE AC

WEATHER CONDITIONS

202 STATION NUMBER 57-66
 STATION NAME

57-66

YEARS

AR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST) | THUNDER- STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|--------|----------------|--------------------|---------------------------|----------------------------------|-------------------------|------|----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| | 0-02 | | 2.3 | | 10.2 | | 12.5 | 6.7 | .1 | | | 6.7 | 930 |
| | 03-05 | | 1.7 | | 14.1 | | 15.8 | 7.0 | | | | 7.5 | 930 |
| | 06-08 | | 1.8 | | 12.4 | | 12.2 | 7.3 | .1 | | | 7.6 | 930 |
| | 09-11 | | 2.3 | | 11.4 | .1 | 13.4 | 3.4 | | .3 | | 3.7 | 930 |
| | 12-14 | .1 | 4.4 | | 11.1 | .1 | 14.9 | .2 | | | | .9 | 930 |
| | 15-17 | .1 | 3.4 | | 9.0 | | 14.2 | .3 | | | | .3 | 930 |
| | 18-20 | | 5.5 | | 8.0 | | 12.9 | 1.4 | | | | 1.4 | 930 |
| | 21-23 | | 3.0 | | 8.9 | | 11.8 | 3.4 | .1 | | | 3.4 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .0 | 3.3 | | 10.4 | .0 | 13.4 | 3.9 | .0 | .0 | | 3.9 | 7440 |

2

DATA PROCESSING DIVISION
USAF ETG
AIR EATER SERVICE/AC

WEATHER CONDITIONS

202.00 DEERLE GEORGE - C. D. T. ART

57-66

cPk

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| APR | 00-02 | .1 | 6.4 | | 4.3 | | 12.4 | 2.3 | | | | 2.3 | 900 |
| | 03-05 | | 6.0 | | 5.2 | | 12.8 | 2.0 | | | | 2.0 | 900 |
| | 06-08 | | 7.4 | | 6.8 | | 13.6 | 2.2 | | | | 2.2 | 900 |
| | 09-11 | | 7.0 | .1 | 5.9 | .1 | 11.9 | .4 | | | | .4 | 900 |
| | 12-14 | .2 | 7.6 | .1 | 4.6 | | 12.1 | .4 | | | | .4 | 900 |
| | 15-17 | .6 | 6.0 | | 2.8 | | 11.7 | .9 | | | | .9 | 900 |
| | 18-20 | | 6.2 | | 2.2 | | 9.8 | .9 | | | | .9 | 900 |
| | 21-23 | | 6.0 | | 2.4 | | 11.3 | 1.4 | | | | 1.4 | 900 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .1 | 7.9 | .1 | 4.4 | .0 | 11.7 | 1.3 | | | | 1.3 | 7200 |

2

DATE PREPARED: DIVISION
 SAFETY
 AIRCRAFT SERVICE/AG

WEATHER CONDITIONS

2527
 STATION

WILSON GEORGE C. BENT APT
 STATION NAME

57-66

YEARS

BY
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST.) | THUNDER- STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|--------|-----------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| 4Y | 10-02 | | 11.3 | | 1.0 | | 12.2 | 4.0 | | | | 4.0 | 930 |
| | 14-05 | | 10.0 | | 1.0 | | 11.5 | 5.0 | | | | 5.5 | 930 |
| | 16-08 | | 9.7 | | 2.6 | | 12.0 | 4.7 | | | | 4.7 | 930 |
| | 19-11 | | 11.6 | | 2.9 | .1 | 14.0 | 1.7 | .1 | | | 1.0 | 930 |
| | 12-14 | .0 | 13.1 | | 1.5 | | 14.4 | .0 | .3 | | | 1.1 | 930 |
| | 15-17 | .9 | 10.8 | | .9 | | 11.5 | .4 | .2 | | | .4 | 930 |
| | 18-20 | .4 | 12.9 | | .1 | | 12.9 | .5 | | | | .5 | 930 |
| | 21-23 | .1 | 11.7 | | .6 | | 12.0 | 1.3 | | | | 1.3 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .3 | 11.4 | | 1.3 | .0 | 12.6 | 2.3 | .1 | | | 2.4 | 7440 |

2

DATA PROCESSING DIVISION
USAF ETAC
WIK EATER SERVICE/MAC

WEATHER CONDITIONS

25205

PRINCE GEORGE AFB MDT APT

57-66

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| JUN | 00-02 | | 11.3 | | | | 11.3 | 2. | | | | 2.8 | 900 |
| | 03-05 | | 11.0 | | | | 11.0 | 4.9 | .2 | | | 5.1 | 900 |
| | 06-08 | | 12.9 | | .1 | | 12.9 | 3.9 | .2 | | | 4.1 | 900 |
| | 09-11 | .2 | 11.9 | | | | 11.9 | 1.7 | | | | 1.7 | 900 |
| | 12-14 | .9 | 12.3 | | | .1 | 12.3 | .4 | | | | .4 | 899 |
| | 15-17 | 3.3 | 14.0 | | | .3 | 14.0 | .3 | | | | .3 | 900 |
| | 18-20 | 2.4 | 14.7 | | | | 14.7 | .2 | | | | .2 | 900 |
| | 21-23 | .4 | 14.0 | | | | 14.0 | 1.4 | | | | 1.4 | 900 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .9 | 12.8 | | .0 | .1 | 12.8 | 2.0 | .1 | | | 2.0 | 7199 |

2

DATA PRESENTATION DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

WEATHER CONDITIONS

25270
STATION

PRINCE GEORGE AFB APT
STATION NAME

57-66

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM WEEKLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|--------|-------------------|-------------------|---------------------------|----------------------------------|-------------------------|------|----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| 01 | 00-02 | | 7.2 | | | | 7.2 | 3.0 | | | | 3.5 | 930 |
| | 03-05 | .1 | 7.2 | | | | 7.2 | 7.6 | .1 | | | 7.7 | 930 |
| | 06-08 | | 8.6 | | | | 8.6 | 6.4 | .5 | | | 6.9 | 930 |
| | 09-11 | .3 | 9.6 | | | .1 | 9.6 | 1.4 | .5 | | | 1.9 | 930 |
| | 12-14 | 1.5 | 10.1 | | | .2 | 10.1 | .2 | .5 | | | .2 | 930 |
| | 15-17 | 3.1 | 9.5 | | | | 9.5 | | .1 | | | .1 | 930 |
| | 18-20 | 2.9 | 11.0 | | | | 11.0 | .5 | | | | .5 | 930 |
| | 21-23 | 1.1 | 11.6 | | | | 11.6 | 1.4 | .1 | | | 1.5 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.1 | 9.6 | | | .0 | 9.6 | 2.6 | .2 | | | 2.9 | 7440 |

DATA PROCESSING DIVISION
 USAF ETR
 AIR WEATHER SERVICE/TAC

WEATHER CONDITIONS

25206 AIRCRAFT OF THE REGIMENT APT

57-66

30 G

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST) | THUNDER STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|--------|----------------|-------------------|---------------------------|----------------------------------|-------------------------|------|----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| 1-3 | 10-02 | .9 | 15.6 | | | | 15.6 | 6.0 | 2.7 | | | 8.7 | 930 |
| | 3-05 | .5 | 14.3 | | | | 14.3 | 11.7 | 3.8 | | | 14.9 | 930 |
| | 6-08 | .2 | 12.5 | | | | 12.5 | 11.4 | 4.1 | | | 14.6 | 930 |
| | 9-11 | .2 | 12.4 | | | | 12.4 | 3.1 | 3.0 | | | 6.1 | 930 |
| | 12-14 | 1.2 | 15.5 | | | | 15.5 | .6 | 2.0 | | | 2.7 | 930 |
| | 15-17 | 2.9 | 16.3 | | | .1 | 16.3 | .4 | 1.2 | | | 1.6 | 930 |
| | 18-20 | 1.5 | 17.3 | | | | 17.3 | .5 | .9 | | | 1.4 | 930 |
| | 21-23 | .6 | 16.3 | | | | 16.3 | 1.8 | 2.2 | | | 3.8 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.0 | 15.0 | | | .0 | 15.0 | 4.4 | 2.5 | | | 6.7 | 7440 |

2

DATA FOR THIS REPORT
USAF ETG
WIND, TEMPERATURE, HUMIDITY, AC

WEATHER CONDITIONS

252 1 STATION NAME
STATION

57-66

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|-------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| SEP | 0-02 | | 12.6 | | .0 | | 13.1 | 9.0 | .1 | | | 9.0 | 900 |
| | 03-05 | | 15.1 | | .3 | | 13.4 | 18.1 | .3 | | | 18.1 | 900 |
| | 06-08 | | 13.7 | | .3 | | 14.0 | 22.0 | .3 | | | 22.1 | 900 |
| | 09-11 | | 14.0 | | .2 | | 14.1 | 8.0 | .2 | | | 8.1 | 900 |
| | 12-14 | .2 | 15.6 | | .4 | | 15.9 | 2.1 | | | | 2.1 | 900 |
| | 15-17 | .6 | 13.9 | | .4 | | 13.9 | 1.0 | | | | 1.0 | 900 |
| | 18-20 | .6 | 13.7 | | .6 | | 14.1 | 2.0 | .1 | | | 2.1 | 900 |
| | 21-23 | .4 | 13.0 | | .7 | | 13.7 | 4.8 | | | | 4.8 | 900 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .3 | 14.0 | | .4 | | 14.3 | 8.4 | .1 | | | 8.4 | 7200 |

DATA PROCESSING DIVISION
USAF ETW
AIR WEATHER SERVICE

WEATHER CONDITIONS

25200
STATION

PRINCE GEORGE AFB MD APT
STATION NAME

57-66

YEARS

01
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| 01 | 00-02 | | 10.9 | .4 | 4.1 | | 14.7 | 9.3 | .3 | | | 9.0 | 930 |
| | 03-05 | | 13.0 | | 4.1 | | 17.6 | 13.5 | .3 | | | 13.5 | 930 |
| | 06-08 | | 13.5 | .3 | 4.2 | | 17.8 | 15.9 | .2 | | | 15.9 | 930 |
| | 09-11 | | 14.4 | | 4.5 | | 17.6 | 10.3 | .2 | | | 10.3 | 930 |
| | 12-14 | .1 | 15.6 | .2 | 3.3 | | 16.8 | 4.3 | .2 | | | 4.3 | 930 |
| | 15-17 | .1 | 14.7 | .2 | 2.3 | | 16.8 | 3.7 | | | | 3.7 | 930 |
| | 18-20 | .2 | 13.0 | .2 | 3.1 | | 16.0 | 5.1 | .1 | | | 5.1 | 930 |
| | 21-23 | | 11.8 | | 3.0 | | 14.3 | 7.3 | | | | 7.3 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .1 | 13.5 | .1 | 3.6 | | 16.8 | 8.7 | .2 | | | 8.7 | 7440 |

| | | | |
|---------|----------------------------|-------|-------|
| 242 | GEORGE GEORGE - C UNIT APT | 57-66 | |
| STATION | STATION NAME | YEARS | MONTH |

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (LST) | THUNDER- STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|--------|----------------|--------------------|---------------------------|----------------------------------|-------------------------|------|----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| | 10-12 | | 6.4 | 1.0 | 22.0 | | 21.7 | 9.3 | | .1 | | 9.4 | 900 |
| | 13-15 | | 4.1 | .0 | 21.7 | | 25.1 | 0.3 | | .1 | | 8.4 | 900 |
| | 16-18 | | 4.4 | .0 | 20.1 | | 24.4 | 10.0 | | | | 10.0 | 900 |
| | 19-21 | | 4.0 | | 17.4 | | 21.2 | 8.4 | | .2 | | 9.0 | 900 |
| | 22-24 | | 5.7 | .2 | 19.1 | | 24.4 | 5.2 | | .1 | | 5.3 | 900 |
| | 25-27 | .1 | 6.0 | .3 | 19.4 | | 24.0 | 5.9 | .4 | | | 6.0 | 900 |
| | 28-29 | | 4.4 | .0 | 23.2 | | 24.0 | 7.2 | | | | 7.2 | 900 |
| | 30-31 | | 5.4 | .7 | 23.9 | | 29.2 | 8.8 | | | | 8.8 | 900 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .1 | 5.1 | .5 | 21.3 | | 25.9 | 8.0 | .1 | .1 | | 8.1 | 7200 |

2

DATA PREPARED BY: [REDACTED]
 UNDER: [REDACTED]
 AIRCRAFT: [REDACTED]

WEATHER CONDITIONS

252 [REDACTED] STATION NAME [REDACTED]

57-66

YEARS

10
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| 01 | 00-02 | | 1.5 | 1.0 | 20.7 | | 20.4 | 6.0 | | .1 | | 6.2 | 930 |
| | 3-05 | | 2.5 | 1.3 | 25.9 | | 20.7 | 7.0 | .1 | .2 | | 7.2 | 930 |
| | 06-08 | | 2.3 | .9 | 26.5 | | 23.7 | 5.0 | | .1 | | 5.9 | 930 |
| | 9-11 | | 2.3 | .9 | 22.2 | | 24.8 | 5.9 | .1 | | | 5.9 | 930 |
| | 12-14 | | 4.1 | .3 | 23.3 | .1 | 27.6 | 3.2 | .4 | .1 | | 3.7 | 930 |
| | 15-17 | | 2.9 | 1.1 | 22.3 | | 25.7 | 3.4 | .1 | | | 3.5 | 930 |
| | 18-20 | | 2.6 | .5 | 27.4 | | 41.0 | 5.5 | | | | 5.5 | 930 |
| | 21-23 | | 3.0 | .9 | 26.1 | | 31.0 | 6.0 | | .1 | | 7.0 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | | 2.7 | .9 | 25.4 | .0 | 24.3 | 5.5 | .1 | .1 | | 5.6 | 7440 |

U.S. AIR FORCE RESEARCH
LABORATORY
WALLINGFORD, CONNECTICUT
WALLINGFORD, CONNECTICUT

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Hourly Winds - Time Series: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from 0 to 359 during of record through 1953, and in terms of degree starting in January 1954. The number of hours of the day of occurrence of each gust wind data are available for a month, the extreme is indicated and printed. These values are then used to compute means and standard deviations for the entire period. Only a list of a year with data values observations present before the full MONTH value is tabulated for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

Note: According to Airman's Regulations, "Peak gust data are recorded only at stations with continuous instrumentation during the hour."

DATA (1954-1955)

2. Directional Frequency and Frequency: Derived from hourly observations, these tabulations are a percentage of the total for each compass point and class by wind speeds (knots) in increments of 10 knots or less. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided in the form for variable winds, which are reported in some data sources. In these data where the wind is reported with no directions but with speeds given, the speeds will be tabulated in the appropriate groups opposite the column headed VARIABLE.

- a. Summary of Data for all surface winds included, and for all years combined as follows:

- (1) Annual - all years combined
- (2) Monthly - all years combined
- (3) by month - by individual years groups

- b. A separate summary is also provided for surface winds meeting the following ceiling and visibility conditions: Minimum Class: Ceiling 400 through 1400 feet inclusive with visibility equal to or greater than 1 1/2 miles, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

DATA PROCESSING DIVISION
 AFAC/USA
 AIRCRAFT ENGINE VICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

252 STATION NAME ALL PATENT CLASS CONDITION

STATION MONTH HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 0.1 | 0.0 | 0.1 | 0.4 | 0.5 | 0.1 | 0.0 | | | | | 17.2 | 0.7 |
| NNE | 0.3 | 0.2 | 0.5 | 0.4 | 0.1 | 0.0 | 0.0 | | | | | 2.1 | 0.6 |
| NE | 0.1 | 0.3 | 0.3 | 0.3 | 0.1 | 0.0 | 0.0 | | | | | 2.1 | 0.7 |
| ENE | 0.4 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | | | | | 0.7 | 0.3 |
| E | 0.1 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | 0.1 | 0.1 |
| ESE | 0.3 | 0.1 | 0.0 | 0.0 | | | | | | | | 0.1 | 0.2 |
| SE | 0.0 | 0.0 | 0.3 | 0.1 | 0.0 | | | | | | | 0.0 | 0.0 |
| SSE | 0.0 | 0.0 | 0.3 | 0.1 | 0.0 | | | | | | | 0.0 | 0.0 |
| S | 0.0 | 0.5 | 0.2 | 0.0 | 0.9 | 0.7 | 0.1 | 0.0 | | | | 0.0 | 0.2 |
| SSW | 0.4 | 0.1 | 0.4 | 0.1 | 0.3 | 0.1 | 0.0 | | | | | 0.3 | 0.2 |
| SW | 0.0 | 0.4 | 0.0 | 0.4 | 0.1 | 0.0 | 0.0 | | | | | 0.9 | 0.4 |
| WSW | 0.0 | 0.4 | 0.7 | 0.4 | 0.1 | 0.0 | 0.0 | | | | | 2.3 | 0.4 |
| W | 0.0 | 0.0 | 0.1 | 0.4 | 0.2 | 0.0 | 0.0 | 0.0 | | | | 4.6 | 0.0 |
| WNW | 0.0 | 0.4 | 0.8 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | | | | 2.4 | 0.0 |
| NW | 0.0 | 0.7 | 0.8 | 0.2 | 0.0 | 0.0 | | | | | | 3.3 | 0.6 |
| NNW | 0.4 | 0.2 | 0.7 | 0.1 | 0.2 | 0.0 | 0.0 | | | | | 5.5 | 0.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 0.1 | |
| | 31.5 | 18.2 | 22.2 | 14.4 | 3.1 | 1.2 | 0.2 | 0.0 | | | | 100.0 | 0.5 |

TOTAL NUMBER OF OBSERVATIONS 1748

DATA PROCESSING DIVISION
 WASHINGTON, D.C.
 AIR FORCE RESEARCH AND DEVELOPMENT

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: WINDS OF RUMSAPIT STATION NAME: WINDS OF RUMSAPIT YEARS: 07-08 MONTH: ALL
 CLASS: ALL HOURS (L.S.T.): ALL
 CONDITION: ALL

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| NNE | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| NE | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| ENE | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| E | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| ESE | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| SE | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| SSE | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| S | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| SSW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| SW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| WSW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| W | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| WNW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| NW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| NNW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| VARBL | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| CALM | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 12.2 | 12.2 | 11.6 | 14.5 | 5.8 | 1.7 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS

744

2

DATA PREP. DIVISION
 174005A
 AIR EATER DIVISION

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 102 STATION NAME 10101 OF RGT 10101 APT 57-66 YEARS 1 MONTH 11 HOURS (L.S.T.)

CLASS ALL DATA

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 4.2 | 2.1 | 1.2 | .0 | .0 | | | | | | 2.9 | 4.4 |
| NNE | .3 | .3 | .2 | .5 | .2 | .1 | | | | | | 2.6 | 7.0 |
| NE | 1.7 | .1 | .1 | .1 | .1 | | | | | | | 2.0 | 3.2 |
| ENE | .2 | .6 | .0 | .0 | | | | | | | | .5 | 2.6 |
| E | 1.2 | .6 | .0 | | | | | | | | | 1.3 | 2.1 |
| ESE | .1 | .6 | .0 | | | | | | | | | .2 | 2.5 |
| SE | 1.6 | .2 | .1 | .0 | | | | | | | | 1.0 | 2.9 |
| SSE | 1.2 | 1.5 | 1.7 | 1.0 | .3 | .2 | | | | | | 6.5 | 7.5 |
| S | 6.1 | 4.1 | 7.8 | 7.9 | 3.5 | 3.3 | .2 | | | | | 33.0 | 10.1 |
| SSW | 1.0 | .5 | 1.1 | 1.1 | .3 | .1 | | | | | | 4.0 | 8.7 |
| SW | 1.0 | .4 | .5 | .2 | .0 | .0 | | | | | | 2.2 | 5.7 |
| WSW | .4 | .2 | .5 | .4 | .1 | .0 | | | | | | 1.6 | 8.2 |
| W | .0 | .5 | .0 | .0 | .2 | .0 | .1 | .0 | | | | 3.2 | 8.0 |
| WNW | .0 | .2 | .5 | .2 | .2 | .0 | .0 | .0 | | | | 1.0 | 9.3 |
| NW | 1.1 | .3 | .5 | .4 | .1 | .0 | | | | | | 2.3 | 6.1 |
| NNW | .4 | 1.3 | 1.9 | 2.1 | .1 | .0 | | | | | | 6.4 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 0.4 | |
| | 21.0 | 14.1 | 20.7 | 19.5 | 5.4 | 6.0 | .3 | .0 | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 6760

1
2
1

DATA FOR 1955-1956
CLASSIFIED
FOR THE YEAR 1956

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2 NAME PINE BLUFF STATION CLASS ALL REASON CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 0.3 | 0.0 | 0.3 | 0.2 | 1.0 | 0.1 | | | | | | 21.5 | 7.1 |
| NNE | 0.7 | 0.0 | 0.6 | 0.0 | 0.2 | 0.1 | | | | | | 3.8 | 7.1 |
| NE | 0.1 | 0.4 | 0.4 | 0.1 | 0.1 | 0.1 | | | | | | 3.3 | 4.9 |
| ENE | 0.1 | 0.2 | 0.1 | 0.1 | | 0.1 | | | | | | 1.2 | 5.1 |
| E | 0.4 | 0.3 | 0.1 | 0.1 | | | | | | | | 1.2 | 3.4 |
| ESE | 0.4 | 0.1 | 0.1 | 0.1 | | | | | | | | 0.6 | 4.1 |
| SE | 0.3 | 0.4 | 0.3 | 0.1 | | 0.0 | | | | | | 2.1 | 4.1 |
| SSE | 0.0 | 0.9 | 0.7 | 0.0 | 0.4 | 0.1 | 0.1 | | | | | 8.6 | 7.8 |
| S | 0.4 | 0.3 | 0.4 | 0.0 | 0.9 | 0.0 | 0.1 | 0.0 | | | | 26.7 | 8.5 |
| SSW | 0.7 | 0.1 | 0.2 | 0.2 | 0.4 | 0.1 | 0.0 | | | | | 4.4 | 9.1 |
| SW | 0.1 | 0.1 | 0.9 | 0.3 | 0.1 | 0.0 | 0.0 | | | | | 3.2 | 6.4 |
| WSW | 0.1 | 0.3 | 0.4 | 0.4 | 0.0 | | | | | | | 2.6 | 7.8 |
| W | 0.3 | 0.0 | 0.6 | 0.0 | 0.2 | 0.1 | 0.0 | | | | | 3.7 | 7.4 |
| WNW | 0.3 | 0.3 | 0.4 | 0.2 | 0.2 | 0.1 | | | | | | 1.5 | 9.6 |
| NW | 0.2 | 0.4 | 0.3 | 0.2 | 0.1 | 0.0 | | | | | | 2.4 | 9.4 |
| NNW | 0.6 | 0.1 | 0.0 | 0.7 | 0.2 | 0.1 | | | | | | 6.3 | 8.6 |
| VARBL | | | | | | | | | | | | 0.2 | |
| CALM | | | | | | | | | | | | | |
| | 24.1 | 17.4 | 21.9 | 17.1 | 9.0 | 1.4 | 0.3 | 0.0 | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS 7440

2

ATLANTA, GEORGIA
 TALLASSEE
 100 EAST 1000 N. HIGHWAY

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 224 STATION NAME WINDS, GEORGE W. C. BENT APT YEARS 57-66 MONTH ALL
 CLASS ALL WEATHER HOURS (L & T) ALL
 CONDITION _____

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 0.0 | 2.4 | 1.7 | 2.8 | 0.6 | 0.2 | 0.0 | | | | | 15.8 | 7.9 |
| NNE | 1.2 | 0.5 | 0.7 | 0.2 | 0.2 | 0.2 | 0.0 | | | | | 4.1 | 3.3 |
| NE | 0.0 | 0.5 | 0.9 | 0.8 | 0.2 | 0.1 | 0.0 | | | | | 4.1 | 7.2 |
| ENE | 0.5 | 0.2 | 0.3 | 0.2 | 0.0 | 0.0 | 0.0 | | | | | 1.2 | 7.1 |
| E | 0.4 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | 2.7 | 4.0 |
| ESE | 0.0 | 0.2 | 0.1 | 0.0 | | | | | | | | 0.7 | 4.3 |
| SE | 1.4 | 0.6 | 0.5 | 0.1 | 0.0 | | | | | | | 2.7 | 4.6 |
| SSE | 1.0 | 1.4 | 1.2 | 1.0 | 0.2 | 0.1 | | | | | | 5.7 | 6.9 |
| S | 7.8 | 5.3 | 5.5 | 4.6 | 1.3 | 0.4 | 0.0 | | | | | 24.9 | 7.5 |
| SSW | 1.1 | 0.8 | 1.4 | 1.4 | 0.3 | 0.1 | 0.0 | | | | | 5.2 | 9.1 |
| SW | 1.0 | 1.0 | 1.3 | 0.7 | 0.2 | 0.1 | 0.0 | | | | | 4.7 | 7.0 |
| WSW | 0.7 | 0.5 | 1.0 | 0.6 | 0.2 | 0.1 | 0.0 | | | | | 3.2 | 8.8 |
| W | 2.1 | 1.0 | 1.8 | 1.2 | 0.5 | 0.1 | 0.0 | | | | | 6.7 | 8.0 |
| WNW | 0.8 | 0.6 | 1.1 | 0.7 | 0.1 | 0.1 | 0.0 | | | | | 3.5 | 3.6 |
| NW | 1.6 | 0.7 | 1.0 | 0.5 | 0.1 | 0.0 | | | | | | 3.9 | 6.0 |
| NNW | 1.6 | 1.2 | 2.2 | 1.0 | 0.2 | | | | | | | 6.4 | 8.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.3 | |
| | 29.2 | 17.1 | 25.0 | 17.2 | 4.6 | 1.4 | 0.2 | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 7200

2

DATA PROCESSING DIVISION
 FTAC/USA
 AIR WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

202-00 STATION NAME: PIERCE DE RUE - CANT APT 57-00 YEARS: MONTH: DAY:
 CLASS: ALL-SCATTER HOUR: (L.S.T.):
 CONDITION:

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.7 | 3.1 | 5.8 | 2.6 | .4 | .0 | | | | | | 15.7 | 7.4 |
| NNE | 1.0 | .6 | 1.0 | 1.2 | .3 | .0 | | | | | | 4.1 | 8.8 |
| NE | 1.2 | .7 | .9 | 1.1 | .3 | .0 | | | | | | 4.4 | 7.6 |
| ENE | .4 | .2 | .3 | .1 | | | | | | | | .9 | 6.2 |
| E | 1.1 | .3 | .3 | .1 | .0 | | | | | | | 1.7 | 4.6 |
| ESE | .4 | .2 | .1 | .1 | | | | | | | | .9 | 5.1 |
| SE | 1.1 | .0 | .4 | .3 | .0 | | | | | | | 3.1 | 4.8 |
| SSE | 1.0 | 1.0 | 1.0 | .7 | .6 | | | | | | | 4.7 | 6.4 |
| S | 1.9 | 4.0 | 3.5 | 2.0 | .4 | .1 | | | | | | 18.7 | 5.7 |
| SSW | 1.1 | 1.2 | 2.0 | 1.0 | .1 | .0 | | | | | | 6.2 | 6.0 |
| SW | 2.4 | 1.3 | 1.6 | .8 | .1 | .0 | | | | | | 6.4 | 6.1 |
| WSW | .0 | .1 | 1.4 | 1.1 | .1 | .0 | | | | | | 4.1 | 8.5 |
| W | 2.1 | 1.4 | 2.2 | 1.7 | .3 | .0 | .0 | | | | | 7.6 | 7.7 |
| WNW | .0 | .0 | 1.5 | .9 | .6 | .0 | | | | | | 4.1 | 8.4 |
| NW | 1.1 | 1.3 | 1.9 | .0 | .2 | .0 | | | | | | 6.3 | 6.7 |
| NNW | 1.3 | 1.2 | 2.0 | .9 | .1 | .0 | | | | | | 5.7 | 7.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.4 | |
| | 30.0 | 19.4 | 22.9 | 15.3 | 2.8 | .4 | .0 | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 7440

2

DATA PROCESSING DIVISION
 JTAC/USAF
 AIR WEATHER SERVICE/ AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 25200 STATION NAME PRINCE GEORGE AFB YEARS 57-66 MONTH JUL
 CLASS ALL WEATHER HOURS (LST) 24
 CONDITION _____

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.8 | 2.2 | 3.6 | 1.7 | .1 | | | | | | | 11.1 | 5.7 |
| NNE | 1.1 | .8 | .8 | .3 | .1 | .0 | | | | | | 3.1 | 5.3 |
| NE | 1.4 | .0 | .4 | .2 | .0 | | | | | | | 2.6 | 4.6 |
| ENE | .4 | .1 | .2 | .1 | | | | | | | | .3 | 3.4 |
| E | 1.2 | .3 | .2 | .0 | | | | | | | | 1.7 | 3.6 |
| ESE | .2 | .1 | .1 | .0 | | | | | | | | .3 | 3.1 |
| SE | 1.1 | .5 | .4 | .1 | .0 | | | | | | | 2.7 | 4.2 |
| SSE | 2.4 | 1.6 | 1.6 | .7 | .0 | | | | | | | 6.2 | 5.9 |
| S | 10.1 | 5.1 | 6.2 | 2.6 | .3 | .0 | | | | | | 25.5 | 9.7 |
| SSW | 1.4 | 1.7 | 2.0 | .9 | .1 | .0 | | | | | | 6.6 | 6.8 |
| SW | 2.2 | 1.2 | 1.6 | .7 | .0 | .0 | | | | | | 5.1 | 5.8 |
| WSW | 1.1 | .9 | 1.7 | .6 | .2 | .0 | | | | | | 4.5 | 7.5 |
| W | 2.3 | 1.3 | 1.9 | 1.3 | .2 | .1 | .0 | | | | | 7.2 | 7.2 |
| WNW | .8 | .8 | 1.8 | 1.0 | .2 | .0 | | | | | | 4.2 | 3.9 |
| NW | 1.7 | 1.2 | 1.4 | .7 | .1 | | | | | | | 5.1 | 6.5 |
| NNW | 1.2 | 1.3 | 2.0 | 1.1 | .1 | | | | | | | 5.6 | 7.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.5 | |
| | 33.0 | 20.2 | 25.8 | 12.1 | 1.4 | .2 | .0 | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS 7200

2

DATA PROCESSING DIVISION
ETAS/USA-
AIR ENTER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 252.0 STATION NAME PRINCE GEORGE C. F. T. APT YEARS 57-96 MONTH JUL
CLASS ALL HEAVY HOURS (L.S.T.) ALL
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.2 | 2.9 | 3.5 | 1.5 | .2 | .1 | | | | | | 12.0 | 5.4 |
| NNE | 1.3 | .4 | .5 | .4 | .2 | | | | | | | 2.6 | 5.7 |
| NE | 1.0 | .6 | .4 | .3 | .2 | | | | | | | 3.0 | 4.9 |
| ENE | .4 | .1 | .1 | .1 | .0 | | | | | | | .8 | 5.2 |
| E | 1.1 | .3 | .2 | .2 | | | | | | | | 1.6 | 3.5 |
| ESE | .4 | .1 | .0 | .0 | | | | | | | | .5 | 3.2 |
| SE | .0 | .0 | .4 | .1 | .3 | | | | | | | 3.1 | 3.7 |
| SSE | 2.2 | 1.4 | 1.2 | .4 | | | | | | | | 5.3 | 5.4 |
| S | 10.7 | 6.5 | 6.5 | 2.8 | .1 | .0 | .0 | | | | | 26.6 | 5.6 |
| SSW | 2.1 | 1.2 | 1.7 | .8 | .0 | | | | | | | 5.7 | 6.3 |
| SW | 2.0 | 1.0 | 1.6 | .5 | .1 | | | | | | | 6.4 | 5.5 |
| WSW | .0 | .0 | 1.0 | .5 | .1 | | | | | | | 3.1 | 7.2 |
| W | 2.2 | 1.0 | 2.1 | 1.3 | .1 | .0 | | | | | | 7.4 | 6.9 |
| WNW | .7 | .0 | 1.2 | .8 | .1 | .0 | | | | | | 3.7 | 8.0 |
| NW | 1.0 | 1.1 | 1.4 | .4 | .0 | .0 | | | | | | 4.7 | 6.0 |
| NNW | 1.3 | 1.2 | 1.6 | .5 | .0 | | | | | | | 4.7 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.0 | |
| | 34.4 | 21.2 | 23.5 | 10.6 | .9 | .1 | .0 | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS 7440

2

DATA PROCESSING DIVISION
ETAC/NSA
AIR EATER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 23246 PRINCE GEORGE R C ENT APT STATION NAME 57-60 YEARS MONTH ALL HOURS (L.S.T.)
CLASS ALL
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 4.2 | 3.0 | 3.5 | 1.0 | .4 | .0 | | | | | | 12.2 | 5.1 |
| NNE | .9 | .4 | .5 | .2 | .0 | | | | | | | 2.0 | 5.2 |
| NE | 1.0 | .4 | .4 | .3 | | | | | | | | 2.7 | 4.6 |
| ENE | .3 | .1 | .1 | .1 | | | | | | | | .5 | 4.7 |
| E | 1.1 | .2 | .1 | | | | | | | | | 1.3 | 2.8 |
| ESE | .4 | .1 | .1 | | | | | | | | | .6 | 3.4 |
| SE | 1.0 | .2 | .2 | .0 | | | | | | | | 2.4 | 3.4 |
| SSE | 2.0 | 1.7 | 1.3 | .3 | .0 | | | | | | | 6.3 | 4.9 |
| S | 12.0 | 7.0 | 8.1 | 3.8 | .1 | | | | | | | 31.5 | 5.3 |
| SSW | 1.4 | 1.3 | 1.7 | 1.1 | .1 | | | | | | | 6.0 | 6.9 |
| SW | 2.1 | 1.2 | 1.2 | .3 | .0 | .0 | | | | | | 4.8 | 5.1 |
| WSW | .4 | .7 | .8 | .4 | .0 | .0 | | | | | | 2.9 | 6.7 |
| W | 2.2 | 1.0 | 1.5 | .6 | .1 | | | | | | | 5.4 | 5.9 |
| WNW | .8 | .0 | 1.3 | .6 | .1 | .0 | | | | | | 3.5 | 7.7 |
| NW | 2.1 | .9 | 1.2 | .2 | .0 | .0 | | | | | | 4.3 | 5.3 |
| NNW | 1.4 | 1.1 | 1.4 | .4 | .1 | | | | | | | 4.3 | 6.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.3 | |
| | 37.4 | 20.1 | 23.2 | 9.2 | .4 | .1 | | | | | | 100.0 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS 7440

2

DATA PROCESSING DIVISION
 DTIC/USC
 AIR EATING SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 222 STATION NAME PRINCE GEORGE I. C. GUT APT YEARS 57-60 MONTH SEP
 CLASS ALL WEATHER HOURS (L.S.T.) ALL
 CONDITION _____

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.4 | 3.2 | 3.6 | 2.0 | .3 | .1 | .0 | | | | | 13.5 | 6.7 |
| NNE | 1.4 | .6 | .2 | .2 | .1 | .0 | | | | | | 2.7 | 5.5 |
| NE | 1.4 | .2 | .3 | .2 | .1 | .1 | | | | | | 2.1 | 4.9 |
| ENE | .4 | .0 | .0 | .0 | | .0 | | | | | | .5 | 4.4 |
| E | .0 | .0 | .0 | .0 | | | | | | | | .1 | 2.3 |
| ESE | .4 | .0 | .0 | | | | | | | | | .6 | 2.0 |
| SE | .0 | .4 | .3 | .0 | | | | | | | | 2.3 | 3.5 |
| SSE | .9 | 1.9 | 1.7 | .5 | .0 | .1 | .0 | | | | | 7.1 | 5.5 |
| S | 12.0 | 6.8 | 7.5 | 6.2 | 1.1 | .3 | .1 | | | | | 33.5 | 7.0 |
| SSW | 2.2 | 1.2 | 1.4 | 1.1 | .2 | .0 | .0 | | | | | 5.9 | 6.9 |
| SW | 1.9 | 1.1 | .7 | .2 | .0 | | | | | | | 3.9 | 4.7 |
| WSW | .7 | .5 | .7 | .2 | .0 | | | | | | | 2.3 | 3.7 |
| W | 1.8 | .9 | .8 | .6 | .1 | | | | | | | 4.2 | 3.9 |
| WNW | .7 | .3 | .4 | .4 | .1 | | | | | | | 1.9 | 7.3 |
| NW | .7 | .7 | .7 | .2 | .0 | .0 | | | | | | 3.2 | 4.8 |
| NNW | .6 | 1.2 | 1.3 | .6 | .1 | .0 | .0 | | | | | 4.6 | 6.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.8 | |
| | 35.1 | 19.0 | 19.8 | 12.3 | 2.2 | .6 | .2 | | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS

7200

DATA PRESENTATION
 STATION NAME
 AIR FORCE SERVICE/AL

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION PRINCE GEORGE B C MIL APT 27-06 YEARS MONTH
 CLASS ALL-FAVORABLE
 HOURS (L.S.T.) ALL

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 0.0 | 3.1 | 3.1 | 1.5 | .3 | .2 | .0 | | | | | 12.8 | 6.3 |
| NNE | 1.2 | .4 | .4 | .3 | .1 | .1 | | | | | | 2.6 | 5.3 |
| NE | 1.2 | .2 | .1 | .2 | .1 | .2 | | | | | | 1.9 | 4.9 |
| ENE | .4 | .1 | .0 | .0 | | | | | | | | .5 | 3.1 |
| E | .7 | .1 | .0 | | | | | | | | | .9 | 2.6 |
| ESE | .6 | .1 | .0 | .0 | | | | | | | | .3 | 3.2 |
| SE | 1.4 | .5 | .2 | .0 | .0 | | | | | | | 2.1 | 3.6 |
| SSE | 2.1 | 2.0 | 1.9 | 1.1 | .5 | .4 | .0 | .0 | | | | 8.0 | 8.2 |
| S | 1.2 | 6.3 | 9.3 | 11.5 | 4.7 | 1.7 | .3 | .1 | | | | 41.1 | 10.2 |
| SSW | .8 | 1.2 | 1.7 | 1.8 | .7 | .2 | | | | | | 6.5 | 9.8 |
| SW | .2 | .7 | .7 | .4 | .1 | .1 | | | | | | 3.2 | 6.0 |
| WSW | .0 | .3 | .5 | .3 | .0 | .1 | | | | | | 1.7 | 5.4 |
| W | 1.3 | .4 | .7 | .7 | .1 | .1 | | | | | | 3.3 | 7.0 |
| WNW | .0 | .2 | .4 | .2 | .1 | | .0 | | | | | 1.5 | 6.8 |
| NW | .0 | .3 | .3 | .1 | | .0 | | | | | | 1.5 | 4.8 |
| NNW | 1.2 | .9 | 1.0 | .3 | .1 | | | | | | | 3.5 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.7 | |
| | 25.4 | 16.8 | 20.4 | 18.3 | 6.7 | 2.6 | .4 | .1 | | | | 100.0 | 7.6 |

TOTAL NUMBER OF OBSERVATIONS 7440

DATA PROCESSING DIVISION
ETAC/USA
AIR EATER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2520 PRINCE GEORGE 5 LIT APT 07-66 07 00
STATION NAME YEARS MONTH
CLASS ALL WEATHER
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 5.4 | 4.9 | 4.3 | 2.7 | .5 | .1 | | | | | | 19.4 | 6.5 |
| NNE | 1.8 | .7 | .3 | .1 | .0 | .0 | | | | | | 3.0 | 4.4 |
| NE | 1.9 | .1 | .1 | | .0 | | | | | | | 2.0 | 2.0 |
| ENE | .5 | .1 | .0 | | | | | | | | | .6 | 2.6 |
| E | 1.4 | .1 | | | | | | | | | | 1.6 | 2.3 |
| ESE | .5 | .1 | | | | | | | | | | .4 | 2.4 |
| SE | 1.0 | .0 | .2 | .0 | .0 | | | | | | | 2.6 | 3.5 |
| SSE | 2.5 | 1.8 | 1.8 | .7 | .2 | .3 | .1 | .0 | | | | 7.5 | 7.3 |
| S | 0.9 | 5.8 | 10.5 | 8.8 | 2.7 | 1.5 | .3 | .1 | | | | 36.7 | 9.6 |
| SSW | 1.0 | .6 | 1.1 | 1.0 | .3 | .1 | | | | | | 4.1 | 3.9 |
| SW | .7 | .5 | .5 | .2 | .0 | .0 | | | | | | 2.1 | 5.7 |
| WSW | .4 | .2 | .2 | .2 | .1 | | | | | | | 1.1 | 7.5 |
| W | 1.1 | .4 | .5 | .3 | .1 | | .0 | | | | | 2.5 | 6.2 |
| WNW | .7 | .3 | .3 | .1 | .0 | .0 | | | | | | 1.4 | 5.6 |
| NW | 1.4 | .5 | .3 | .2 | .0 | .0 | | | | | | 2.5 | 4.6 |
| NNW | 1.5 | 1.4 | 1.5 | 1.4 | .2 | | | | | | | 5.9 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.7 | |
| | 29.4 | 18.1 | 21.6 | 15.7 | 4.4 | 2.1 | .4 | .1 | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 7200

2

DATA PROCESSING DIVISION
 AFAC/USW
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

252.4 STATION PRINCE GEORGE C OUT ART 57-06 MONTH EC
 CLASS ALL WEATHER HOURS (L.S.T.) ALL

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 0.3 | 0.0 | 5.3 | 2.9 | .7 | .2 | .0 | | | | | 24.3 | 6.3 |
| NNE | 1.3 | .4 | .1 | .1 | .0 | | | | | | | 2.1 | 3.6 |
| NE | 1.7 | .2 | .0 | | | | | | | | | 1.0 | 2.4 |
| ENE | .4 | .0 | .0 | .4 | | | | | | | | .5 | 3.1 |
| E | 1.6 | .1 | .1 | .0 | | | | | | | | 1.4 | 2.6 |
| ESE | .2 | .0 | .0 | | | | | | | | | .3 | 2.3 |
| SE | 1.7 | .6 | .2 | .0 | | | | | | | | 2.5 | 3.4 |
| SSE | 2.4 | 1.7 | 1.6 | .4 | .2 | .0 | | | | | | 6.5 | 5.8 |
| S | 7.3 | 2.4 | 9.0 | 9.3 | 3.4 | 1.0 | .3 | .0 | | | | 36.4 | 9.8 |
| SSW | .8 | .8 | 1.1 | 1.2 | .5 | .1 | | | | | | 4.6 | 7.3 |
| SW | 1.1 | .3 | .4 | .2 | | | | | | | | 1.0 | 5.1 |
| WSW | .2 | .1 | .3 | .1 | .0 | .0 | | | | | | .8 | 7.1 |
| W | .9 | .3 | .5 | .2 | .0 | | | | | | | 2.0 | 5.2 |
| WNW | .3 | .1 | .1 | .2 | | .0 | .0 | | | | | .8 | 7.6 |
| NW | .7 | .2 | .2 | .6 | .0 | | | | | | | 1.4 | 3.7 |
| NNW | .4 | 1.2 | 1.6 | 1.3 | .2 | | | | | | | 5.9 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.8 | |
| | 30.4 | 14.2 | 20.6 | 16.0 | 3.0 | 1.9 | .3 | .0 | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 7440

2

DATA PROCESSING DIVISION
ETAC/USA-
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2521 PRINCE GEORGE - C. CUT APT STATION NAME 57-66 YEARS MONTH JULY
CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 13.2 | 7.3 | 6.7 | 2.7 | .4 | .1 | .1 | | | | | 30.5 | 5.7 |
| NNE | 1.1 | .6 | .4 | .1 | | | | | | | | 2.2 | 4.7 |
| NE | 1.4 | .1 | | | | | | | | | | 3.5 | 1.9 |
| ENE | .2 | .1 | | | | | | | | | | .6 | 2.7 |
| E | .2 | | | | | | | | | | | .2 | 1.8 |
| ESE | .1 | | | | | | | | | | | .1 | 2.0 |
| SE | 2.2 | .4 | | | | | | | | | | 2.6 | 2.5 |
| SSE | .1 | 1.3 | 1.2 | | .4 | | | | | | | 4.7 | 6.1 |
| S | 1.2 | 4.1 | 4.4 | 9.6 | 4.3 | 2.3 | | | | | | 27.4 | 10.1 |
| SSW | .3 | .3 | 1.1 | 1.2 | .4 | .2 | .1 | | | | | 3.7 | 12.2 |
| SW | .1 | .2 | .2 | | | | | | | | | 1.2 | 3.6 |
| WSW | .2 | .1 | .1 | | | | | | | | | .7 | 3.1 |
| W | 1.1 | .4 | .2 | | | | | | | | | 1.6 | 3.3 |
| WNW | .2 | .1 | | | | | | | | | | .6 | 2.8 |
| NW | 1.2 | .8 | .3 | | | | | | | | | 2.3 | 3.4 |
| NNW | 1.0 | 1.5 | 1.0 | 2.4 | .6 | .1 | | | | | | 7.2 | 8.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.0 | |
| | 35.9 | 17.4 | 15.6 | 11.9 | 6.2 | 2.7 | .2 | | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA REPORT FORM
 AFAC-05A
 100-101-01-01-01-01-01

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 202-5 STATION NAME STATION OF RGL 2-5 DT APT YEARS 27-66 MONTH JAN
 CLASS ALL SEATON HOURS (L.S.T.) 2300-0500
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.3 | 1.0 | 0.3 | 2.0 | 1.1 | .1 | | | | | | 31.5 | 3.0 |
| NNE | 1.3 | .0 | .2 | | | | | | | | | 2.2 | 3.7 |
| NE | 1.3 | .1 | | | | | | | | | | 1.7 | 2.2 |
| ENE | | | | | | | | | | | | | |
| E | 1.7 | | .1 | | | | | | | | | 1.1 | 2.3 |
| ESE | .3 | | | | | | | | | | | .3 | 1.7 |
| SE | 1.4 | 1.0 | .2 | .1 | | | | | | | | 3.2 | 3.7 |
| SSE | 2.2 | 1.3 | 1.0 | .2 | | .1 | | | | | | 4.7 | 3.3 |
| S | 0.5 | 2.9 | 4.7 | 7.7 | 3.2 | 1.5 | .3 | | | | | 28.5 | 10.2 |
| SSW | .0 | .3 | .4 | .5 | .4 | .1 | .1 | | | | | 2.4 | 11.1 |
| SW | .2 | .3 | .3 | .1 | | | | | | | | 1.3 | 5.3 |
| WSW | .3 | | .2 | | .1 | | | | | | | .6 | 7.3 |
| W | .4 | .4 | .2 | | | | | | | | | 2.0 | 3.4 |
| WNW | .1 | .3 | | | | | | | | | | .4 | 5.1 |
| NW | .4 | .2 | .2 | | | | | | | | | 2.5 | 3.4 |
| NNW | 1.7 | 1.6 | 1.3 | 1.1 | .4 | | | | | | | 6.3 | 7.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.9 | |
| | 34.2 | 11.7 | 11.2 | 12.4 | 5.6 | 1.8 | .4 | | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 STATION NAME
 AIRCRAFT TYPE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: WINDY GROUND C-130T APT YEARS: 57-60 MONTH: 12
 CLASS: ALL DATA HOURS (L.S.T.): 2400-0400
 CONDITION: _____

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 11.2 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | 2.0 | 3.9 |
| NNE | 1.0 | 0.4 | 0.1 | | | | | | | | | 1.0 | 3.1 |
| NE | 0.0 | 0.1 | 0.1 | 0.2 | | | | | | | | 0.4 | 3.0 |
| ENE | 0.0 | 0.0 | 0.1 | 0.1 | | | | | | | | 0.4 | 2.8 |
| E | 0.0 | 0.2 | | | | | | | | | | 0.2 | 2.4 |
| ESE | 0.0 | | | | | | | | | | | 0.0 | 2.0 |
| SE | 2.0 | 1.1 | 0.1 | | | | | | | | | 3.4 | 2.2 |
| SSE | 1.0 | 1.2 | 0.6 | | 0.1 | | | | | | | 3.1 | 5.4 |
| S | 1.0 | 4.3 | 7.5 | 7.7 | 3.1 | 0.5 | | | | | | 30.0 | 3.9 |
| SSW | 0.0 | 0.2 | 0.9 | 1.3 | 0.9 | 0.1 | | | | | | 3.1 | 12.0 |
| SW | 0.0 | | 0.1 | 0.5 | | | | | | | | 3.1 | 5.5 |
| WSW | 0.0 | | | 0.2 | | | | | | | | 0.6 | 6.0 |
| W | 0.0 | 0.1 | | 0.1 | | | 0.1 | | | | | 1.0 | 8.0 |
| WNW | 0.0 | 0.1 | 0.1 | 0.1 | | | 0.1 | | | | | 1.1 | 6.8 |
| NW | 1.0 | 0.5 | 0.1 | 0.6 | | | | | | | | 2.0 | 3.5 |
| NNW | 2.0 | 0.6 | 2.4 | 1.3 | 0.4 | | | | | | | 7.0 | 7.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.0 | |
| | 14.4 | 12.4 | 18.2 | 15.1 | 5.4 | 0.6 | 0.0 | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 240

2

DATA PROCESSING DIVISION
 STATION NAME
 AIRCRAFT TYPE/NO.

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 25214 STATION NAME PORT OF GEORGE TOWN, API YEARS 57-60 MONTH 10
 CLASS ALL SEASONS HOURS (LST) 0900-1100
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 11.4 | 7.7 | 5.7 | 3.2 | .8 | .2 | | | | | | 29.0 | 6.0 |
| NNE | 1.0 | .3 | .1 | | .2 | | | | | | | 2.3 | 4.4 |
| NE | 2.3 | .3 | .2 | | | | | | | | | 3.2 | 7.7 |
| ENE | .2 | .1 | .1 | | | | | | | | | .5 | 4.6 |
| E | 1.2 | | | | | | | | | | | 1.2 | 2.0 |
| ESE | .4 | | | | | | | | | | | .4 | 2.0 |
| SE | 1.2 | .3 | .1 | | | | | | | | | 2.3 | 2.6 |
| SSE | 2.4 | 1.7 | 1.6 | .3 | .8 | | | | | | | 6.4 | 6.6 |
| S | 6.7 | 3.1 | 5.7 | 10.3 | 3.2 | 1.1 | | | | | | 30.2 | 10.0 |
| SSW | .2 | .2 | 1.0 | 1.8 | .2 | .3 | | | | | | 4.3 | 10.5 |
| SW | .2 | | .1 | | .1 | | | | | | | .5 | 6.4 |
| WSW | .2 | | .2 | | | | | | | | | .2 | 3.3 |
| W | .4 | .4 | .3 | | | .1 | | | | | | 1.3 | 6.3 |
| WNW | .2 | | | | | | | | | | | .3 | 3.5 |
| NW | 1.0 | .4 | .2 | | | | | | | | | 1.6 | 3.6 |
| NNW | 1.4 | .2 | 2.0 | 1.5 | .4 | | | | | | | 6.2 | 5.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.9 | |
| | 33.3 | 15.0 | 17.4 | 17.2 | 5.8 | 1.7 | | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 230

2

DATA PROCESSOR DIVISION
 FTAC/USA
 AIRCRAFT SERVICE AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 002 WHEEL WHEELS OUT APT 57-68 10 MONTH 1200-1400
 STATION NAME CLASS HOURS (L.S.T.)
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 12.2 | 7.2 | 7.0 | 3.4 | 1.2 | .3 | | | | | | 31.3 | 6.3 |
| NNE | 3.2 | 1.2 | .1 | | | | | | | | | 4.5 | 3.1 |
| NE | 2.5 | .1 | | | | | | | | | | 2.5 | 2.0 |
| ENE | .1 | | | | | | | | | | | .1 | 1.0 |
| E | .1 | | | | | | | | | | | .1 | 1.0 |
| ESE | .1 | .1 | | | | | | | | | | .2 | 1.0 |
| SE | .1 | .4 | .2 | | | | | | | | | 2.5 | 2.7 |
| SSE | 1.1 | 1.4 | 1.7 | 1.3 | .4 | | | | | | | 5.9 | 0.4 |
| S | 1.2 | 1.7 | 0.9 | 9.4 | 2.8 | 1.0 | | | | | | 26.5 | 10.7 |
| SSW | .1 | .3 | 1.1 | 2.0 | 1.0 | .2 | | | | | | 6.0 | 13.4 |
| SW | .1 | .2 | .1 | | | | | | | | | 1.2 | 3.2 |
| WSW | .1 | | .3 | .2 | | | | | | | | .8 | 7.7 |
| W | .1 | .3 | .2 | .1 | | | | | | | | 1.3 | 4.9 |
| WNW | .1 | | .3 | | | | | | | | | .6 | 7.0 |
| NW | .1 | .1 | | | | | | | | | | .4 | 2.8 |
| NNW | 1.0 | 1.3 | 1.2 | 1.0 | .2 | | | | | | | 6.1 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.7 | |
| | 34.2 | 12.2 | 12.1 | 17.4 | 6.0 | 2.2 | | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 930

STATION NAME
STATION NUMBER
STATION LOCATION

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME CHERRY BLUFF AFB STATION NUMBER 37-66 YEARS 1950-1960 MONTH ALL
CLASS ALL HOURS (L.S.T.) 1500-1700

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 12.2 | 6.6 | 6.0 | 4.4 | 1.1 | .1 | | | | | | 30.6 | 6.2 |
| NNE | 1.2 | .3 | .2 | .1 | | | | | | | | 2.3 | 4.0 |
| NE | 2.1 | .1 | | | | | | | | | | 2.2 | 2.3 |
| ENE | .0 | .2 | | | | | | | | | | .9 | 2.3 |
| E | 1.0 | | | | | | | | | | | 1.8 | 1.9 |
| ESE | .1 | .3 | | | | | | | | | | .4 | 4.0 |
| SE | .2 | .2 | .3 | | | | | | | | | 2.0 | 3.5 |
| SSE | 1.3 | 1.0 | 1.1 | .6 | .1 | | | | | | | 5.1 | 5.5 |
| S | 3.1 | 3.9 | 1.6 | 7.7 | 3.1 | 1.2 | | | | | | 28.6 | 9.9 |
| SSW | 1.1 | .3 | .5 | 1.2 | .3 | .3 | | | | | | 3.8 | 10.1 |
| SW | 1.0 | .3 | .4 | .2 | | | | | | | | 2.6 | 4.4 |
| WSW | .3 | .2 | .5 | .3 | | | | | | | | 1.4 | 7.2 |
| W | .2 | .2 | | .1 | .1 | | | | | | | 1.3 | 4.3 |
| WNW | .2 | .1 | | | | | | | | | | .3 | 3.0 |
| NW | 1.2 | .3 | .4 | | | | | | | | | 2.0 | 3.9 |
| NNW | 2.3 | 1.4 | 1.4 | 1.1 | .9 | | | | | | | 7.0 | 7.6 |
| VARBL | | | | | | | | | | | | 7.1 | |
| CALM | | | | | | | | | | | | | |
| | 36.4 | 16.8 | 18.6 | 15.9 | 5.6 | 1.6 | | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 910

2

DATA PROCESSING DIVISION
 USAF/USAF
 AIR WEATHER SERVICE/USAF

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 25200 STATION NAME PRINCE GEORGE SCOUT APT YEARS 57-66 MONTH 6

CLASS ALL WEATHER HOURS (LST) 1800-2000

CONDITION _____

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 12.7 | 6.6 | 6.1 | 2.7 | .5 | | .1 | | | | | 28.9 | 5.8 |
| NNE | 2.0 | .3 | .2 | | .1 | | | | | | | 2.7 | 3.6 |
| NE | 2.4 | .1 | .2 | | | | | | | | | 3.1 | 2.6 |
| ENE | .5 | | | | | | | | | | | 2.2 | 2.2 |
| E | 2.9 | | | | | | | | | | | 1.8 | 2.7 |
| ESE | .1 | | | | | | | | | | | .1 | 2.0 |
| SE | 1.0 | .4 | .1 | | | | | | | | | 2.2 | 2.8 |
| SSE | 2.2 | .8 | 1.2 | .6 | .2 | | | | | | | 5.3 | 6.3 |
| S | 0.0 | 4.0 | 3.8 | 6.2 | 2.7 | 1.5 | | | | | | 26.8 | 9.6 |
| SSW | 1.1 | .2 | .6 | 1.2 | .2 | .1 | | | | | | 3.1 | 4.4 |
| SW | 1.1 | .2 | .3 | .1 | .1 | | | | | | | 2.2 | 4.9 |
| WSW | .6 | .1 | | .1 | | | | | | | | .5 | 4.2 |
| W | .1 | .1 | .3 | .2 | | | | | | | | 1.6 | 5.1 |
| WNW | .4 | .1 | .3 | .2 | | .1 | | | | | | 1.2 | 7.9 |
| NW | .1 | .5 | .2 | | | | | | | | | 2.8 | 3.2 |
| NNW | 2.2 | 1.1 | 1.7 | 2.4 | .8 | | | | | | | 8.4 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.1 | |
| | 34.1 | 14.8 | 17.2 | 13.8 | 5.2 | 1.7 | .1 | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/ETAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25246 STATION PRINCE GEORGE 5 C OUT APT 57-66 YEARS JAN MONTH
 ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 12.4 | 5.0 | 1.1 | 2.6 | .0 | .1 | .2 | | | | | 28.6 | 5.0 |
| NNE | 1.4 | .1 | .2 | .2 | | | | | | | | 1.3 | 4.3 |
| NE | 2.4 | | | | | | | | | | | 2.3 | 1.8 |
| ENE | .2 | | | | | | | | | | | .2 | 2.0 |
| E | 1.0 | .2 | | | | | | | | | | 1.4 | 2.1 |
| ESE | .4 | | | | | | | | | | | .3 | 1.7 |
| SE | 2.2 | .2 | .1 | | | | | | | | | 2.5 | 2.7 |
| SSE | 1.4 | .4 | .6 | .4 | .3 | | | | | | | 4.1 | 7.3 |
| S | 1.4 | 3.8 | 5.9 | 7.1 | 3.3 | 1.0 | .4 | | | | | 28.7 | 9.8 |
| SSW | .4 | .3 | .6 | .2 | .5 | .3 | | | | | | 2.9 | 10.4 |
| SW | 1.0 | .1 | .1 | | | | | | | | | 1.2 | 3.2 |
| WSW | .4 | .1 | .3 | | | | | | | | | 1.3 | 3.2 |
| W | .3 | .3 | .2 | | | | | | | | | 1.4 | 3.9 |
| WNW | .6 | .2 | .2 | | | | | | | | | 1.2 | |
| NW | 2.2 | .6 | .3 | | | | | | | | | 3.4 | |
| NNW | 1.2 | 1.5 | 2.0 | 1.4 | .9 | .2 | | | | | | 7.5 | 7.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.8 | |
| | 37.8 | 14.4 | 17.8 | 12.4 | 5.8 | 1.6 | .6 | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PREPARED BY DIVISION
 TAC/USA
 AIR CENTER SERVICE/240

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 25006 STATION NAME PRINCE GEORGE AFB 57-66 YEARS 57-66 MONTH ALL
 CLASS ALL WEATHER HOURS (L & T) 0000-0200
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 0.3 | 0.2 | 0.8 | 0.2 | 0.1 | 0.4 | | | | | | 18.3 | 7.2 |
| NNE | 1.1 | 0.4 | 0.2 | 0.1 | | 0.1 | | | | | | 1.9 | 5.7 |
| NE | 0.4 | 0.2 | 0.1 | | | | | | | | | 1.2 | 3.0 |
| ENE | 0.4 | | | | | | | | | | | 0.4 | 2.3 |
| E | 0.2 | | 0.1 | | | | | | | | | 0.5 | 3.6 |
| ESE | | | 0.1 | | | | | | | | | 0.1 | 7.0 |
| SE | 0.1 | | | | | | | | | | | 0.1 | 2.1 |
| SSE | 0.3 | 1.2 | 1.4 | 0.4 | 0.1 | | | | | | | 5.1 | 6.9 |
| S | 9.0 | 4.3 | 0.4 | 10.3 | 3.2 | 0.6 | 0.1 | | | | | 33.1 | 9.0 |
| SSW | 1.2 | 0.3 | 1.1 | 0.9 | | 0.2 | | | | | | 4.5 | 7.4 |
| SW | 1.2 | 0.4 | 0.5 | 0.2 | | | | | | | | 2.2 | 4.9 |
| WSW | 0.1 | | 0.6 | 0.7 | 0.2 | | | | | | | 1.7 | 11.3 |
| W | 0.1 | 0.6 | 0.7 | 0.7 | 0.1 | | | | | | | 3.0 | 7.5 |
| WNW | 0.3 | 0.4 | 0.8 | 0.3 | 0.1 | | | | | | | 2.1 | 8.4 |
| NW | 1.2 | 0.5 | 0.5 | | | | | | | | | 2.2 | 4.0 |
| NNW | 0.6 | 1.3 | 2.5 | 2.4 | 0.1 | | | | | | | 7.7 | 8.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.4 | |
| | 24.4 | 13.2 | 19.9 | 20.1 | 6.7 | 1.3 | 0.1 | | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING DIVISION
ETAC/USA
AIR TRAFFIC SERVICES/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION PRINCE GEORGE AFB STATION NAME PRINCE GEORGE AFB YEARS 27-66
CLASS ALL WEATHER HOURS (L.S.T.) 0400-0500
CONDITION _____

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 0.0 | 2.8 | 4.2 | 2.2 | .0 | .5 | | | | | | 17.3 | 6.8 |
| NNE | 2.1 | .4 | .2 | .2 | .1 | | | | | | | 3.1 | 4.2 |
| NE | 1.1 | .1 | .1 | | | | | | | | | 1.3 | 3.0 |
| ENE | .1 | | | | | | | | | | | .1 | 2.0 |
| E | .2 | | | | | | | | | | | .9 | 2.3 |
| ESE | .1 | | | | | | | | | | | .1 | 1.0 |
| SE | .1 | | | | | | | | | | | 1.9 | 2.2 |
| SSE | 2.1 | 2.4 | 2.8 | 1.2 | .1 | | | | | | | 8.5 | 6.9 |
| S | 1.7 | 3.4 | 0.7 | 11.3 | 3.2 | 1.1 | | | | | | 34.0 | 9.9 |
| SSW | 1.2 | .0 | .5 | .7 | | .2 | | | | | | 3.2 | 7.8 |
| SW | 1.2 | .2 | .4 | .2 | | | | | | | | 2.4 | 4.0 |
| WSW | .5 | .2 | .0 | .2 | | | | | | | | 1.7 | 6.3 |
| W | .6 | .7 | .0 | .7 | | | | | | | | 3.2 | 6.1 |
| WNW | .6 | .2 | .5 | .2 | | | | | | | | 2.4 | 5.9 |
| NW | .3 | .1 | .0 | | | | | | | | | 2.0 | 3.6 |
| NNW | .7 | .0 | 2.1 | 2.8 | .4 | | | | | | | 6.9 | 9.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.1 | |
| | 30.7 | 11.8 | 19.6 | 20.2 | 4.7 | 1.8 | | | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS 246

2

DATA PROCESSING DIVISION
STAG/USA
AIR TESTER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 45200 STATION NAME GEORGE W. C. DUFF WPT YEARS 57-66 MONTH FEB
CLASS ALL WEATHERS HOURS (L.S.T.) 0600-0800
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | 3.4 | 3.8 | 4.3 | .1 | .1 | | | | | | 20.2 | 6.9 |
| NNE | 1.4 | .4 | .1 | .2 | .2 | | | | | | | 2.4 | 5.7 |
| NE | 1.4 | | | | | | | | | | | 1.8 | 1.8 |
| ENE | | | | | | | | | | | | | |
| E | 1.1 | | | | | | | | | | | 1.1 | 2.0 |
| ESE | .2 | | | | | | | | | | | .2 | 2.0 |
| SE | 1.6 | .4 | .2 | | | | | | | | | 1.8 | 3.4 |
| SSE | 1.4 | 2.1 | 2.1 | .6 | .5 | .1 | | | | | | 7.7 | 7.7 |
| S | 9.0 | 3.9 | 8.3 | 10.3 | 2.7 | 1.3 | .1 | | | | | 36.6 | 9.4 |
| SSW | 1.1 | .4 | 1.2 | .7 | .2 | | | | | | | 4.1 | 6.7 |
| SW | 1.1 | .1 | .4 | | | | | | | | | 2.1 | 3.1 |
| WSW | .4 | .2 | .6 | .1 | | | | | | | | 1.3 | 6.5 |
| W | 1.2 | .7 | .2 | .2 | | .1 | | | | | | 2.8 | 4.8 |
| WNW | .2 | .4 | | | | | | | | | | .9 | 3.3 |
| NW | .6 | .4 | .3 | .1 | | | | | | | | 1.8 | 3.2 |
| NNW | 1.1 | .8 | 1.7 | 1.9 | .2 | .1 | | | | | | 6.0 | 9.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.1 | |
| | 32.1 | 13.1 | 19.0 | 18.7 | 3.2 | 2.6 | .1 | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 866

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR EATER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25206 STATION PRINCE GEORGE L. EAT APT 51-66 YEARS FEB MONTH
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 7.1 | 4.0 | 4.4 | 3.1 | 1.1 | .1 | | | | | | 20.2 | 7.0 |
| NNE | 1.4 | .1 | .2 | .7 | .1 | | | | | | | 2.6 | 7.3 |
| NE | 2.4 | .1 | | | | | | | | | | 2.3 | 2.1 |
| ENE | .2 | | | | | | | | | | | .2 | 2.5 |
| E | 2.1 | .1 | | | | | | | | | | 2.2 | 2.0 |
| ESE | .1 | | | | | | | | | | | .1 | 1.0 |
| SE | 1.1 | .1 | .1 | | | | | | | | | 1.2 | 2.3 |
| SSE | 2.0 | 1.0 | 2.2 | 1.1 | .4 | .4 | | | | | | 2.5 | 7.4 |
| S | 4.4 | 3.4 | 8.3 | 13.4 | 4.0 | 1.5 | .5 | | | | | 36.1 | 11.4 |
| SSW | .0 | .4 | .9 | 1.3 | .0 | | | | | | | 3.4 | 10.2 |
| SW | .0 | .2 | .2 | .1 | .1 | | | | | | | 1.5 | 5.8 |
| WSW | .1 | .1 | .1 | .2 | | | | | | | | .6 | 8.2 |
| W | .4 | .2 | .1 | .7 | .4 | | | | | | | 2.0 | 10.9 |
| WNW | .4 | .2 | .1 | | .2 | .1 | .1 | .1 | | | | 1.3 | 13.6 |
| NW | .0 | .2 | .2 | .1 | | | | | | | | 1.2 | 4.2 |
| NNW | .1 | .9 | 1.7 | 1.5 | .1 | | | | | | | 5.2 | 9.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.7 | |
| | 20.0 | 11.9 | 18.7 | 22.7 | 7.6 | 2.1 | .6 | .1 | | | | 100.0 | 7.9 |

TOTAL NUMBER OF OBSERVATIONS 446

2

DATA PROCESSING DIVISION
ITALY/USA
AIR WEATHER SERVICE/PAO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25204 STATION PRINCE OF GEORGE W C OUT APT 57-66 YEARS FEB MONTH
STATION NAME CLASS 1200-1400
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.0 | 5.0 | 4.6 | 2.6 | .1 | .1 | | | | | | 20.3 | 6.6 |
| NNE | 2.2 | .4 | .2 | .5 | .1 | | | | | | | 3.7 | 5.0 |
| NE | 4.1 | .2 | | .2 | .4 | | | | | | | 5.0 | 3.9 |
| ENE | 2.6 | .1 | | | | | | | | | | 2.4 | 2.2 |
| E | 3.6 | .1 | | | | | | | | | | 3.3 | 2.0 |
| ESE | .2 | | | | | | | | | | | .2 | 3.0 |
| SE | .1 | .0 | .4 | | | | | | | | | 2.2 | 3.2 |
| SSE | .7 | .0 | 2.2 | 1.9 | .2 | .0 | | | | | | 6.3 | 10.6 |
| S | 1.0 | 2.0 | 8.6 | 11.9 | 4.1 | 1.9 | .1 | | | | | 29.4 | 12.1 |
| SSW | .7 | .0 | 1.4 | 2.4 | .4 | | | | | | | 5.9 | 10.8 |
| SW | .2 | .5 | .8 | .0 | | .1 | | | | | | 2.2 | 8.6 |
| WSW | .2 | .4 | .5 | .2 | .1 | | | | | | | 1.4 | 8.1 |
| W | .1 | .1 | .8 | .8 | .4 | .1 | .4 | .1 | | | | 2.4 | 13.4 |
| WNW | | .1 | .7 | .7 | .2 | .2 | | | | | | 2.2 | 13.2 |
| NW | .4 | .5 | .2 | .4 | .1 | .2 | | | | | | 2.4 | 10.4 |
| NNW | .0 | 1.1 | 1.5 | 1.9 | | | | | | | | 5.1 | 8.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.1 | |
| | 22.4 | 12.2 | 22.3 | 24.7 | 6.2 | 1.3 | .5 | .1 | | | | 100.0 | 8.5 |

TOTAL NUMBER OF OBSERVATIONS

846

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR CENTER BENTLEY AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

20200 BRIDGE GEORGE 10 MILITARY 07-60 FEB 1200-1700
 STATION STATION NAME YEARS MONTH
 CLASS
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 4 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|--------|---------|------|-------|-----------------------|
| N | 4.1 | 7.8 | 3.2 | 2.5 | .5 | .6 | | | | | | 24.9 | 4.3 |
| NNE | 1.2 | .7 | .2 | .8 | .7 | .2 | | | | | | 4.7 | 9.1 |
| NE | 1.1 | .2 | .1 | .2 | | | | | | | | 1.7 | 4.9 |
| ENE | .1 | | | | | | | | | | | .7 | 2.2 |
| E | 1.4 | | | | | | | | | | | 1.4 | 2.1 |
| ESE | .6 | .2 | | | | | | | | | | .5 | 3.0 |
| SE | 1.4 | | | .1 | | | | | | | | 1.5 | 2.8 |
| SSE | 1.9 | .3 | 1.5 | .6 | .2 | .5 | | | | | | 5.6 | 3.3 |
| S | 2.1 | 4.4 | 10.5 | 8.2 | 2.2 | 1.5 | .1 | | | | | 29.1 | 10.6 |
| SSW | .4 | .4 | 1.3 | 1.1 | .1 | | | | | | | 3.2 | 9.4 |
| SW | .2 | .4 | .5 | .5 | .1 | | | | | | | 1.9 | 3.3 |
| WSW | .2 | .4 | .6 | .5 | | .1 | | | | | | 2.0 | 8.4 |
| W | .2 | .6 | 1.1 | 1.3 | .4 | | .2 | | | | | 4.5 | 10.1 |
| WNW | .1 | .4 | .7 | | .2 | | | | | | | 2.2 | 8.3 |
| NW | 1.6 | | 1.5 | .4 | | .1 | | | | | | 3.5 | 8.2 |
| NNW | 1.2 | 1.3 | 1.6 | 1.9 | | | | | | | | 6.5 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.7 | |
| | 24.9 | 17.5 | 24.8 | 18.4 | 4.7 | 3.1 | .4 | | | | | 100.0 | 7.8 |

TOTAL NUMBER OF OBSERVATIONS 846

2

DATA PROCESSING DIVISION
STAC/USAF
AIR DATA CENTER/USAF

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

252 STATION PERCIE GEORGE AIRPORT STATION NAME 57-60 YEARS FEB MONTH
CLASS ALL FEATHER HOURS (L.S.T.) 1800-2000
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 0.4 | 0.4 | 0.7 | 3.2 | .2 | .1 | | | | | | 23.6 | 6.6 |
| NNE | .4 | .1 | .1 | .6 | .1 | .1 | | | | | | 1.3 | 11.2 |
| NE | 1.2 | .1 | .1 | | .1 | | | | | | | 1.9 | 3.4 |
| ENE | .2 | .1 | | .1 | | | | | | | | .5 | 5.6 |
| E | .4 | | | | | | | | | | | .8 | 1.7 |
| ESE | .4 | | | | | | | | | | | .1 | 2.0 |
| SE | .4 | .1 | | | | | | | | | | .9 | 2.5 |
| SSE | 2.4 | 1.3 | .4 | .5 | .2 | | | | | | | 4.7 | 3.2 |
| S | 1.0 | 2.2 | 0.5 | 3.6 | 3.9 | 1.2 | .3 | | | | | 29.9 | 9.5 |
| SSW | 1.6 | .8 | 1.2 | .7 | .4 | | | | | | | 4.3 | 7.8 |
| SW | .6 | .5 | .7 | .9 | | | | | | | | 2.7 | 3.7 |
| WSW | .1 | .1 | .7 | .6 | .1 | | | | | | | 2.2 | 7.7 |
| W | .5 | .5 | .7 | .5 | .2 | | | | | | | 3.3 | 5.9 |
| WNW | .0 | .1 | .7 | .3 | .2 | | | | | | | 2.4 | 9.3 |
| NW | .2 | .1 | .6 | | .2 | | | | | | | 2.6 | 4.7 |
| NNW | 2.0 | 1.8 | 1.8 | 2.0 | .1 | | | | | | | 8.3 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.7 | |
| | 30.1 | 17.3 | 20.0 | 14.8 | 0.4 | 1.6 | .4 | | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS 846

2

DATA PROCESSING DIVISION
 AFAC/USA
 AIR TESTER BRIDGE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 022-0 STATION NAME FINELL DE RGL B. C. DT ART YEARS 57-60 MONTH FEB
 CLASS ALL-FAIR-FA 2100-2300
 HOURS (L.S.T.)
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 0.4 | 3.3 | 6.6 | 4.4 | 1.1 | | | | | | | 21.7 | 7.5 |
| NNE | .4 | | .4 | .4 | .4 | | | | | | | 1.5 | 10.3 |
| NE | .0 | .1 | | | | | | | | | | .7 | 2.3 |
| ENE | | | | | | | | | | | | | |
| E | .6 | | | | | | | | | | | .2 | 1.0 |
| ESE | | | | | | | | | | | | | |
| SE | .4 | .5 | .1 | | | | | | | | | 1.4 | 3.3 |
| SSE | 1.4 | 1.9 | 1.1 | 1.1 | .1 | | | | | | | 3.6 | 5.7 |
| S | 1.4 | 5.3 | 7.2 | 7.2 | 5.0 | 1.1 | | | | | | 33.7 | 9.4 |
| SSW | .7 | .4 | .9 | .4 | .1 | .1 | | | | | | 3.4 | 8.6 |
| SW | 1.1 | .7 | .6 | .4 | | | | | | | | 2.7 | 9.6 |
| WSW | .7 | | .6 | .3 | | | | | | | | 1.9 | 8.6 |
| W | .7 | .4 | .8 | .8 | .2 | .1 | | | | | | 3.3 | 9.7 |
| WNW | .1 | .1 | .2 | .4 | .2 | | | | | | | 1.1 | 10.7 |
| NW | .5 | .1 | .4 | | .2 | | | | | | | 2.4 | 3.5 |
| NNW | 2.4 | 2.0 | 2.1 | 1.7 | | | | | | | | 8.4 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.7 | |
| | 24.0 | 15.9 | 21.0 | 18.4 | 1.4 | 1.3 | | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 846

2

DATA PREPARED BY
TACUSAS
AIR CENTER OPERATOR AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2220 STATION NAME USMC CAMP LEONARD AFB YEARS 17-20 MONTH ALL
CLASS ALL HOURS (L.S.T.) 0000-0200
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 2.1 | 1.1 | 2.1 | .5 | .2 | | | | | | 23.8 | 7.5 |
| NNE | 1.2 | .4 | .2 | | .2 | | | | | | | 2.2 | 4.0 |
| NE | .4 | .1 | | | | | | | | | | 1.5 | 1.7 |
| ENE | .4 | | | | | | | | | | | .7 | 2.3 |
| E | .5 | | .1 | | | | | | | | | .6 | 3.5 |
| ESE | .4 | | | .1 | | | | | | | | .4 | 5.0 |
| SE | .5 | .4 | .2 | .6 | | | | | | | | 1.5 | 5.4 |
| SSE | 1.2 | 2.4 | 1.5 | .6 | .3 | .1 | | | | | | 6.2 | 7.2 |
| S | 1.2 | 1.1 | 1.6 | 5.3 | 1.2 | | | .1 | | | | 29.2 | 7.5 |
| SSW | .8 | .4 | 1.2 | .6 | | | | | | | | 3.8 | 7.0 |
| SW | .3 | .2 | 1.2 | .2 | | | | | | | | 3.4 | 6.0 |
| WSW | .2 | .6 | .3 | .2 | | | | | | | | 1.4 | 5.7 |
| W | .2 | .2 | 1.3 | .2 | .1 | .1 | | | | | | 3.5 | 6.0 |
| WNW | | .1 | .1 | .1 | .1 | | | | | | | .4 | 11.3 |
| NW | .1 | .4 | .4 | | | | | | | | | 1.7 | 4.3 |
| NNW | 1.1 | .4 | .4 | 1.0 | .3 | | | | | | | 5.1 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.4 | |
| | 24.0 | 10.4 | 22.8 | 15.4 | 3.1 | .4 | | .1 | | | | 100.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA IS FOR THE MONTH OF
 CLASS OF
 AIR FORCE OF THE ARMY OF

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

STATION 222 STATION NAME GRAND CAYE AIR FLD YEARS 57-66 MONTH 06

CLASS ALL WEATHER HOURS (LST) 0100-0500

CONDITION _____

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.1 | 5.1 |
| NNE | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 3.5 |
| NE | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 2.7 |
| ENE | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 |
| E | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 |
| ESE | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 11.0 |
| SE | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 3.3 |
| SSE | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.7 |
| S | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 32.0 | 7.3 |
| SSW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 5.0 |
| SW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 5.0 |
| WSW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 7.0 |
| W | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 5.3 |
| WNW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.0 |
| NW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 4.0 |
| NNW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.0 | 6.8 |
| VARBL | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 11.7 | |
| CALM | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS

910

2

AT PROCESSING DIVISION
STAG AFB
AIR CENTER SE BUCH AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: STAG AFB, TEXAS, U.S. AIR FORCE, 1957-58, YEAR: 1958, MONTH: MAR, CLASS: ALL WEATHER, HOURS (L.S.T.): 0600-0900, CONDITION:

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 1.2 | 4.2 | 6.6 | 4.9 | .7 | | | | | | | 23.3 | 7.2 |
| NNE | 1.4 | .4 | | .1 | .2 | | | | | | | 2.2 | 4.2 |
| NE | 1.1 | .1 | | | | | | | | | | 1.2 | 2.4 |
| ENE | .2 | | .1 | | | | | | | | | .4 | 3.5 |
| E | .2 | .2 | .1 | | | | | | | | | .5 | 3.1 |
| ESE | .3 | | | .1 | | | | | | | | .4 | 5.8 |
| SE | 1.2 | .1 | .2 | | .1 | | | | | | | 1.9 | 4.1 |
| SSE | 1.2 | 2.4 | 1.4 | .1 | .5 | .1 | | | | | | 7.7 | 6.6 |
| S | 1.1 | 7.3 | 5.6 | 6.5 | 1.8 | .4 | .1 | | | | | 34.4 | 7.6 |
| SSW | 1.2 | .5 | .9 | .4 | .1 | .1 | | | | | | 3.3 | 7.0 |
| SW | .1 | | | | | | | | | | | 1.0 | 2.0 |
| WSW | .2 | .1 | .4 | | | | | | | | | .5 | 6.0 |
| W | .2 | .1 | .5 | .5 | .4 | | | | | | | 2.4 | 7.7 |
| WNW | .4 | .2 | .4 | | | | | | | | | 1.1 | 5.3 |
| NW | .2 | .2 | .4 | .1 | | | | | | | | 1.3 | 5.4 |
| NNW | .1 | 1.2 | 1.9 | 1.3 | .1 | .2 | | | | | | 5.5 | 3.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.3 | |
| | 24.5 | 11.2 | 21.1 | 14.7 | 4.0 | .2 | .1 | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 930

2

ATA PROCESS DIVISION
STATION
REPORT FOR SERVICE/AL

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2520 STATION NAME PORT OF INGLEWOOD APT YEARS 57-60 MONTH 14
CLASS ALL WEATHER HOURS 0900-1100
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | 5.9 | 5.9 | 3.5 | 3.5 | .1 | | | | | | 21.8 | 7.8 |
| NNE | .2 | .6 | .2 | .8 | | .2 | | | | | | 4.2 | 9.1 |
| NE | 3.3 | .3 | .1 | .3 | | | | | | | | 4.4 | 3.7 |
| ENE | .2 | .2 | | .2 | | | | | | | | 1.2 | 5.1 |
| E | 2.2 | .2 | | | | | | | | | | 2.7 | 2.2 |
| ESE | .3 | .2 | | | | | | | | | | .6 | 2.7 |
| SE | 2.3 | .6 | | | | | | | | | | 3.4 | 3.6 |
| SSE | .5 | 2.5 | 2.6 | 1.3 | .2 | .2 | | | | | | 8.5 | 7.8 |
| S | 2.2 | 2.9 | 1.7 | 11.1 | 2.7 | 1.1 | .2 | .1 | | | | 28.7 | 11.5 |
| SSW | .3 | .6 | 1.8 | 1.0 | .1 | | | | | | | 4.7 | 9.7 |
| SW | .2 | .3 | 1.0 | .2 | | | | | | | | 2.2 | 6.7 |
| WSW | | .1 | .1 | .6 | .1 | | | | | | | .8 | 12.3 |
| W | .7 | .3 | .6 | .6 | .2 | .1 | | | | | | 2.8 | 8.6 |
| WNW | | .3 | .3 | .6 | | | | | | | | 1.3 | 12.7 |
| NW | .2 | .3 | .2 | .1 | | | | | | | | 1.2 | 5.1 |
| NNW | .3 | 1.1 | 1.6 | 1.6 | | | | | | | | 5.2 | 4.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.7 | |
| | 23.4 | 16.7 | 22.8 | 22.4 | 4.8 | 1.7 | .2 | .1 | | | | 100.0 | 7.9 |

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 USAF
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

20206 STATION NAME PRINCE GEORGE COUNTY APT 57-66 YEAR MONTH 1200-1400 HOURS (L.S.T.)
 CLASS ALL-FA-FA
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.5 | 2.9 | 3.2 | 3.1 | 1.9 | 1.1 | | | | | | 17.1 | 7.6 |
| NNE | 3.2 | 1.1 | 1.3 | 1.4 | 1.6 | 1.4 | | | | | | 8.0 | 8.0 |
| NE | 4.1 | 1.4 | 1.9 | 1.6 | 1.2 | | | | | | | 6.1 | 5.1 |
| ENE | 1.0 | 1.6 | 1.3 | 1.3 | | | | | | | | 3.2 | 4.7 |
| E | 2.9 | 1.0 | 1.1 | 1.1 | | | | | | | | 3.4 | 3.5 |
| ESE | 1.1 | | 1.2 | | | | | | | | | 1.3 | 3.3 |
| SE | 1.2 | 1.4 | 1.8 | | | | | | | | | 2.4 | 5.0 |
| SSE | 1.2 | 1.3 | 1.5 | 1.5 | 1.3 | 1.3 | 1.4 | | | | | 5.9 | 11.8 |
| S | 1.7 | 2.3 | 2.0 | 2.0 | 2.1 | 1.2 | 1.1 | 1.1 | | | | 21.1 | 11.7 |
| SSW | 1.5 | 1.9 | 1.3 | 2.3 | 1.0 | 1.3 | 1.1 | | | | | 7.0 | 12.4 |
| SW | 1.1 | 1.0 | 1.2 | 1.3 | 1.3 | | | | | | | 4.3 | 7.3 |
| WSW | | 1.3 | 1.8 | 1.9 | | | | | | | | 1.9 | 10.7 |
| W | 1.2 | 1.4 | 1.4 | 1.6 | 1.4 | 1.1 | 1.1 | | | | | 3.5 | 10.5 |
| WNW | 1.2 | 1.2 | 1.4 | 1.0 | 1.2 | | | | | | | 2.2 | 10.6 |
| NW | 1.0 | 1.3 | 1.8 | 1.4 | | 1.2 | | | | | | 2.9 | 7.9 |
| NNW | 1.2 | 1.3 | 1.6 | 1.6 | 1.4 | 1.1 | | | | | | 5.7 | 9.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.0 | |
| | 27.4 | 14.1 | 24.0 | 20.6 | 8.5 | 6.7 | 1.8 | 1.1 | | | | 100.0 | 8.6 |

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PREPARED BY: WISCONSIN
 TAC/USAF
 AIR TEST BR - SERVICE TAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 25206 PRINCE GEORGE C. INT. ART STATION NAME 57-66 YEARS MONTH JAN
 CLASS ALL WEATHER HOURS (LST) 1500-1700
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.5 | 4.0 | 4.6 | 2.9 | 1.6 | .1 | | | | | | 14.8 | 4.2 |
| NNE | 4.4 | .6 | 1.7 | 1.6 | .4 | | | | | | | 5.5 | 9.0 |
| NE | 2.0 | .6 | 1.2 | .9 | .2 | .3 | | | | | | 5.3 | 7.6 |
| ENE | 1.0 | .4 | .3 | .5 | | .1 | | | | | | 2.4 | 6.9 |
| E | 3.0 | .2 | .2 | .1 | | | | | | | | 3.5 | 3.1 |
| ESE | .8 | .3 | .2 | | | | | | | | | 1.3 | 3.4 |
| SE | 1.2 | 1.1 | .6 | | | | | | | | | 3.0 | 3.6 |
| SSE | 1.0 | 1.3 | 2.6 | 1.0 | .5 | .3 | .2 | | | | | 7.5 | 9.2 |
| S | 2.6 | 3.5 | 6.0 | 6.2 | .9 | .6 | .1 | | | | | 20.0 | 9.6 |
| SSW | .2 | 1.3 | 1.1 | 1.7 | 1.4 | .2 | .1 | | | | | 6.0 | 11.8 |
| SW | 1.0 | .4 | 1.0 | .3 | .1 | | .1 | | | | | 3.2 | 7.2 |
| WSW | .4 | .4 | .6 | .2 | .1 | | | | | | | 2.7 | 8.2 |
| W | .6 | 1.0 | 1.7 | 1.7 | .3 | | | | | | | 5.5 | 9.4 |
| WNW | .1 | .4 | .1 | .2 | .5 | .3 | | | | | | 1.7 | 14.1 |
| NW | 1.2 | .6 | .9 | .4 | .2 | | | | | | | 3.3 | 7.2 |
| NNW | 1.3 | 1.2 | 2.5 | 1.5 | .1 | .2 | | | | | | 6.8 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.7 | |
| | 23.2 | 17.4 | 25.2 | 19.4 | 6.5 | 2.3 | .5 | | | | | 100.0 | 8.1 |

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 TAC/USF
 118 EASTERN AVENUE AL

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 752 STATION NAME GEORGE A. C. CLY APT YEARS 57-60 MONTH JAN
 CLASS ALL WEATHER 1800-2000
 HOURS (L.S.T.)
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 0.7 | 2.3 | 4.8 | 4.0 | 1.4 | .2 | | | | | | 22.4 | 7.6 |
| NNE | .7 | .4 | .6 | .3 | .4 | | | | | | | 3.7 | 6.9 |
| NE | 1.7 | 1.2 | 1.2 | .3 | .2 | | | | | | | 2.6 | 5.9 |
| ENE | .4 | .2 | .3 | .1 | | | | | | | | 1.1 | 5.2 |
| E | .1 | .4 | .4 | .3 | | | | | | | | 1.3 | 5.3 |
| ESE | .1 | .1 | | | | | | | | | | .2 | 4.7 |
| SE | 1.0 | .1 | .3 | .1 | | | | | | | | 1.5 | 4.4 |
| SSE | 1.0 | .4 | .8 | .4 | .3 | | .1 | | | | | 5.0 | 6.3 |
| S | 0.0 | 4.4 | 4.8 | 3.8 | 1.4 | .5 | .1 | | | | | 21.6 | 7.9 |
| SSW | 1.1 | .9 | 1.1 | .9 | .1 | | | | | | | 4.0 | 7.4 |
| SW | 1.6 | 1.3 | 1.4 | .9 | .1 | .1 | | | | | | 4.3 | 7.1 |
| WSW | .2 | .9 | .4 | .2 | | | | | | | | 2.0 | 5.6 |
| W | 1.3 | 1.2 | .2 | .6 | | .1 | | | | | | 4.1 | 5.5 |
| WNW | .5 | .3 | .5 | .0 | .2 | .1 | | | | | | 2.9 | 8.5 |
| NW | 1.1 | .3 | .3 | .2 | .2 | | | | | | | 4.0 | 4.5 |
| NNW | 1.5 | 1.7 | 2.3 | 1.5 | | | | | | | | 7.4 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.0 | |
| | 1.2 | 21.0 | 19.8 | 14.2 | 4.3 | 1.1 | .2 | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

20200 STATION PRINCE GEORGE AFB DUT APT 37-66 YEARS 4R MONTH
 ALL WEATHER CLASS 2100-2300 HOURS (LST)
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 5.1 | 4.3 | 6.6 | 5.4 | .0 | .1 | | | | | | 22.6 | 7.6 |
| NNE | 1.1 | .2 | .5 | .1 | .1 | .3 | | | | | | 2.9 | 4.1 |
| NE | 1.4 | .1 | .1 | .1 | | | | | | | | 1.7 | 2.7 |
| ENE | .4 | | | | | | | | | | | .4 | 2.3 |
| E | .2 | .2 | .1 | | | | | | | | | .3 | 4.4 |
| ESE | .2 | .1 | | .1 | | | | | | | | .4 | 5.0 |
| SE | .4 | .2 | .2 | .1 | | | | | | | | 1.4 | 4.3 |
| SSE | 1.4 | 1.2 | 1.7 | .4 | .1 | .1 | | | | | | 4.9 | 6.2 |
| S | 8.1 | 7.3 | 4.3 | 3.0 | 1.0 | .6 | .1 | | | | | 25.7 | 7.0 |
| SSW | 1.2 | 1.2 | .8 | 1.2 | | .1 | | | | | | 4.7 | 7.1 |
| SW | 1.4 | 1.1 | .6 | .6 | .1 | .1 | | | | | | 4.5 | 6.1 |
| WSW | .4 | .3 | .6 | .3 | | | | | | | | 1.7 | 7.2 |
| W | 2.7 | 1.1 | .2 | .6 | .1 | .1 | | | | | | 4.8 | 5.6 |
| WNW | .4 | .2 | .4 | .3 | .1 | | | | | | | 1.5 | 7.9 |
| NW | 2.1 | .3 | .4 | | | | | | | | | 2.8 | 3.6 |
| NNW | 1.0 | 1.3 | 1.6 | 2.2 | .2 | | | | | | | 6.9 | 8.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.4 | |
| | 30.0 | 19.5 | 18.3 | 14.6 | 3.0 | 1.5 | .1 | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 ETAT/USA
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25206 STATION CRINCE GEORGE AFB DUT APT 57-66 YEARS MONTH
 ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 2.2 | 2.2 | 7.9 | 2.7 | .2 | .3 | .1 | | | | | 12.4 | 7.6 |
| NNE | .2 | .1 | .2 | .2 | | | | | | | | 1.4 | 4.9 |
| NE | .2 | .1 | .1 | .2 | | .1 | | | | | | 1.3 | 6.3 |
| ENE | .4 | | | | | | | | | | | .4 | 2.0 |
| E | .1 | .1 | .1 | | | | | | | | | .3 | 4.3 |
| ESE | | | | | | | | | | | | | |
| SE | .0 | .3 | .2 | | .1 | | | | | | | 1.7 | 5.1 |
| SSE | 2.1 | 1.2 | .9 | .9 | .2 | .1 | | | | | | 5.4 | 6.8 |
| S | 14.2 | 7.1 | 6.2 | 1.9 | .2 | .1 | .1 | | | | | 29.9 | 9.1 |
| SSW | 2.2 | 1.2 | .8 | .4 | .4 | | | | | | | 5.0 | 6.0 |
| SW | 3.2 | 1.7 | .9 | .3 | | | | | | | | 6.1 | 4.4 |
| WSW | 1.0 | .6 | .4 | .2 | | | | | | | | 2.2 | 5.2 |
| W | .1 | .7 | 1.9 | .5 | | .1 | | | | | | 6.6 | 6.0 |
| WNW | .0 | .6 | .3 | .3 | | | | | | | | 1.8 | 6.3 |
| NW | 2.4 | .4 | .4 | .1 | .2 | | | | | | | 3.6 | 4.4 |
| NNW | 1.4 | 1.7 | 2.7 | 1.6 | .4 | | | | | | | 8.0 | 8.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.8 | |
| | 38.3 | 14.6 | 23.1 | 9.9 | 1.8 | .8 | .2 | | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
STATION
AIR CENTER

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 222 PROJECT GEORGE J. E. RUT APT STATION NAME 27-66 YEARS APR NORTH
CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.1 | 1.2 | 1.4 | 3.0 | .2 | .2 | .1 | | | | | 14.6 | 7.7 |
| NNE | 1.1 | | .2 | | | | | | | | | 1.2 | 3.0 |
| NE | 1.3 | .1 | | | | | | | | | | 1.4 | 2.2 |
| ENE | .1 | | | | | | | | | | | .1 | 2.0 |
| E | .3 | | | | | | | | | | | .3 | 2.3 |
| ESE | | | | .1 | | | | | | | | .1 | 13.0 |
| SE | 1.1 | .3 | .3 | .1 | | | | | | | | 2.6 | 4.0 |
| SSE | 1.1 | 1.7 | .7 | .4 | | | | | | | | 5.9 | 4.6 |
| S | 12.4 | 9.1 | 1.0 | 3.9 | .0 | .3 | | | | | | 36.6 | 5.6 |
| SSW | 1.0 | .7 | .4 | 1.0 | | | | | | | | 3.7 | 6.6 |
| SW | 1.6 | .0 | .8 | | | | | | | | | 2.9 | 4.3 |
| WSW | .4 | .0 | .4 | | .1 | | | | | | | 1.6 | 6.4 |
| W | 1.4 | .1 | .7 | .2 | .2 | | | | | | | 3.6 | 5.7 |
| WNW | .1 | .7 | .7 | .2 | .1 | | | | | | | 2.7 | 6.0 |
| NW | 2.1 | .2 | .3 | | | | | | | | | 2.6 | 2.9 |
| NNW | 1.1 | .9 | 2.0 | 2.0 | | | | | | | | 6.8 | 8.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.6 | |
| | 38.0 | 17.0 | 21.8 | 11.0 | 1.4 | .6 | .1 | | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 STAG/USAF
 AIR WEATHER SERVICE/STAG

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 25236 STATION NAME PRINCE GEORGE AFB LUT APT YEARS 51-66 MONTH APR
 CLASS ALL WEATHER
 HOURS (L.S.T.) 0600-0300
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.9 | 3.0 | 2.9 | 4.5 | .9 | .4 | | | | | | 18.0 | 8.4 |
| NNE | .4 | .3 | .4 | .2 | .1 | | .1 | | | | | 2.1 | 7.6 |
| NE | 2.4 | .1 | | .1 | | | | | | | | 2.7 | 2.5 |
| ENE | .1 | | | | | | | | | | | .7 | 1.7 |
| E | 1.2 | .2 | | | | | | | | | | 1.4 | 2.2 |
| ESE | .3 | | | | | | | | | | | .3 | 1.7 |
| SE | 2.4 | .4 | .2 | | | | | | | | | 3.1 | 3.1 |
| SSE | 3.3 | 2.0 | 1.4 | 1.0 | .1 | | | | | | | 7.9 | 3.0 |
| S | 10.3 | 8.4 | 10.1 | 7.7 | 1.2 | | | | | | | 37.4 | 7.3 |
| SSW | .7 | .8 | 2.0 | 1.7 | .1 | .1 | | | | | | 5.3 | 9.2 |
| SW | 1.0 | .7 | .6 | | | | | | | | | 2.2 | 5.1 |
| WSW | .1 | .4 | .6 | .2 | .1 | | | | | | | 1.4 | 3.3 |
| W | .8 | .3 | .9 | .6 | .1 | .1 | | | | | | 2.9 | 7.9 |
| WNW | .2 | .1 | .4 | | | | | | | | | 1.0 | 6.2 |
| NW | .3 | .4 | .7 | .2 | | | | | | | | 1.7 | 6.4 |
| NNW | .4 | .6 | 2.6 | 1.6 | .1 | | | | | | | 5.2 | 9.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.6 | |
| | 24.4 | 14.1 | 25.8 | 17.2 | 2.8 | .6 | .1 | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
 FTAC/USA
 AIR FATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

202-1 STATION NAME: PRINCE GEORGE AFB, MD 57-00 MONTH: APR
 CLASS: ALL WEATHER HOURS (L.S.T.): 0900-1100

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | 3.4 | 2.9 | 3.0 | 2.4 | .4 | .1 | .1 | | | | | 13.4 | 7.8 |
| NNE | 1.7 | .6 | 1.6 | 2.1 | .7 | .3 | | | | | | 6.9 | 9.9 |
| NE | 2.1 | .2 | .8 | .9 | .4 | .1 | | | | | | 5.5 | 8.7 |
| ENE | .3 | .2 | .3 | .1 | | | | | | | | 1.9 | 5.9 |
| E | 2.1 | .1 | .2 | | | .1 | | | | | | 3.4 | 3.6 |
| ESE | .7 | .1 | | | | | | | | | | .7 | 2.7 |
| SE | 1.1 | .7 | .2 | .1 | | | | | | | | 2.1 | 4.3 |
| SSE | 1.2 | .9 | 2.4 | .4 | .1 | | | | | | | 5.0 | 9.3 |
| S | 3.7 | 2.0 | 6.7 | 10.3 | 2.7 | .6 | | | | | | 25.2 | 11.0 |
| SSW | .4 | .4 | 1.3 | 1.7 | .7 | .4 | | | | | | 5.2 | 11.6 |
| SW | 1.2 | 1.3 | 1.8 | 1.2 | .4 | .2 | .1 | | | | | 6.4 | 8.3 |
| WSW | .6 | .7 | 1.0 | 1.3 | .4 | .1 | | | | | | 4.3 | 9.6 |
| W | 1.3 | 1.4 | 2.8 | 1.2 | .3 | .2 | .2 | | | | | 7.6 | 8.9 |
| WNW | .7 | .6 | 1.0 | .4 | .1 | .3 | | | | | | 3.1 | 9.2 |
| NW | 1.4 | .6 | .7 | .1 | | | | | | | | 2.7 | 6.6 |
| NNW | .3 | .7 | 1.9 | 1.2 | .1 | | | | | | | 4.7 | 8.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.3 | |
| | 23.4 | 13.3 | 24.2 | 24.6 | 7.0 | 2.7 | .4 | | | | | 100.0 | 8.8 |

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
 AFMCC/USAF
 AIRCRAFT ENGINEERING

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 00200 STATION NAME WILL GEORGE MCINT APT YEARS 57-60 MONTH APR
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
 CONDITION _____

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 15 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.1 | 2.3 | 3.3 | 2.2 | 1.1 | .3 | | | | | | 12.7 | 9.5 |
| NNE | .4 | 1.1 | .7 | 1.4 | 1.2 | .2 | | | | | | 3.6 | 10.3 |
| NE | 1.7 | 1.3 | 1.9 | 1.3 | .3 | .1 | | | | | | 6.7 | 8.1 |
| ENE | .7 | .3 | .3 | | .2 | .1 | | | | | | 2.1 | 7.2 |
| E | 1.4 | .8 | .8 | .1 | | | | | | | | 3.4 | 4.5 |
| ESE | .6 | .8 | .4 | | | | | | | | | 2.0 | 4.2 |
| SE | 1.1 | .4 | .7 | .1 | | | | | | | | 2.7 | 5.3 |
| SSE | 1.1 | .7 | 1.3 | 1.0 | .1 | | | | | | | 4.8 | 8.5 |
| S | 2.1 | 1.4 | 4.0 | 5.8 | 2.8 | 1.3 | .1 | | | | | 17.4 | 12.1 |
| SSW | .2 | .5 | 1.4 | 4.0 | 1.2 | .3 | .1 | | | | | 8.0 | 13.0 |
| SW | .1 | 1.1 | 2.3 | .8 | .2 | .2 | .1 | | | | | 5.8 | 9.0 |
| WSW | .4 | .7 | 1.8 | 1.2 | .4 | .3 | .1 | | | | | 5.0 | 11.1 |
| W | .1 | .4 | 1.7 | 2.4 | .0 | .2 | | | | | | 6.6 | 10.7 |
| WNW | .4 | .7 | .8 | 1.8 | .2 | .2 | .2 | | | | | 4.7 | 11.1 |
| NW | .2 | .4 | 2.0 | 1.2 | .2 | .1 | | | | | | 4.8 | 9.4 |
| NNW | 1.0 | 1.4 | 1.0 | 1.0 | .2 | | | | | | | 6.3 | 7.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.4 | |
| | 14.6 | 15.0 | 25.0 | 25.4 | 9.4 | 4.4 | .7 | | | | | 100.0 | 9.6 |

TOTAL NUMBER OF OBSERVATIONS 300

2

DATA PROCESSING DIVISION
 AFAC/USA
 AIR BASES SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 202 SAINT GEORGE CREST APT STATION NAME 57-60 YEARS AFR MONTH 1500-1700
 CLASS ALL DATA
 HOURS (L.S.T.)
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.3 | 1.7 | 2.1 | 2.4 | .7 | .1 | | | | | | 11.6 | 8.2 |
| NNE | .5 | .4 | .9 | 1.6 | 1.1 | .7 | | | | | | 6.7 | 10.4 |
| NE | 1.3 | 1.0 | 1.4 | 2.3 | .4 | | | | | | | 6.6 | 9.0 |
| ENE | .4 | .4 | .5 | .7 | | | .1 | | | | | 2.3 | 7.3 |
| E | 2.1 | .7 | .7 | .1 | .1 | | | | | | | 3.7 | 4.8 |
| ESE | .5 | .6 | | | | | | | | | | 1.1 | 3.9 |
| SE | 1.2 | .7 | 1.2 | .3 | | | | | | | | 3.4 | 5.3 |
| SSE | .7 | 1.4 | 1.7 | 1.7 | .6 | .1 | | | | | | 6.1 | 9.2 |
| S | .6 | 1.7 | 4.0 | 3.1 | 1.6 | .2 | .1 | | | | | 12.4 | 10.0 |
| SSW | .1 | .8 | 1.8 | 2.1 | .2 | | | | | | | 5.7 | 9.7 |
| SW | .5 | .9 | 1.3 | 1.4 | .1 | | | | | | | 5.3 | 9.6 |
| WSW | .3 | .3 | 1.4 | 1.5 | .3 | .3 | | | | | | 3.3 | 11.3 |
| W | 1.3 | 1.7 | 2.6 | 2.3 | 1.7 | .2 | | | | | | 9.2 | 10.3 |
| WNW | 1.1 | .4 | 2.2 | 2.6 | .4 | .1 | | | | | | 6.3 | 10.1 |
| NW | .1 | 1.0 | 2.1 | 1.5 | | | | | | | | 5.9 | 8.1 |
| NNW | .1 | 1.6 | 2.6 | 1.3 | .3 | | | | | | | 5.8 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.4 | |
| | 14.6 | 14.4 | 29.6 | 23.9 | 8.4 | 1.8 | .2 | | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PREPARED BY DIVISION
 DTIC/USC
 AIRCRAFT SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME WHEEL GEORGE C. D. SPT YEARS 57-60 MONTH 2000
 CLASS ALL DATA HOURS (L.S.T.) 1800-2000
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.0 | 2.2 | 2.1 | 2.3 | .1 | | | | | | | 14.7 | 7.3 |
| NNE | 2.0 | .9 | 1.3 | 1.1 | .7 | .1 | | | | | | 6.3 | 8.6 |
| NE | 2.0 | 1.0 | 2.2 | 1.4 | .6 | .1 | | | | | | 7.6 | 7.3 |
| ENE | .4 | | .4 | .4 | .1 | | | | | | | 1.1 | 2.3 |
| E | .7 | .2 | .4 | | | | | | | | | 2.3 | 3.7 |
| ESE | .4 | .1 | | .1 | | | | | | | | .7 | 4.5 |
| SE | 1.3 | .9 | .1 | .1 | | | | | | | | 3.4 | 5.2 |
| SSE | .2 | 1.3 | 1.3 | .7 | .1 | .1 | | | | | | 4.8 | 7.0 |
| S | 1.0 | 4.2 | 2.4 | 2.0 | .7 | .2 | | | | | | 14.1 | 6.7 |
| SSW | .2 | 1.1 | 1.7 | .2 | .1 | | | | | | | 3.4 | 7.5 |
| SW | .1 | 1.2 | 1.1 | 1.1 | .2 | | | | | | | 5.2 | 6.9 |
| WSW | .2 | .3 | 1.0 | .6 | .1 | | | | | | | 3.4 | 7.4 |
| W | 1.3 | 1.3 | 2.1 | 1.4 | .4 | .1 | | | | | | 9.0 | 7.0 |
| WNW | .1 | 1.3 | .9 | .6 | .1 | .1 | | | | | | 4.7 | 8.1 |
| NW | 2.4 | 1.7 | 1.2 | .7 | | | | | | | | 6.4 | 3.3 |
| NNW | 1.0 | 1.7 | 1.8 | 1.2 | | | | | | | | 6.1 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.7 | |
| | 30.0 | 14.9 | 25.6 | 14.7 | 3.3 | .8 | | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC

FORM 54

1955 (OLD) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ATLANTA, GEORGIA
 10-10-54
 ON EAST SIDE OF RIVER

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 102 STATION NAME LITTLE GEORGE CANYON PT YEARS 57-65 MONTH NORTH
 CLASS ALL STATIONS
 HOURS 2100-2300
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.4 | 2.7 | 1.6 | 2.3 | .4 | .2 | | | | | | 17.0 | 7.6 |
| NNE | 1.0 | .1 | .6 | .0 | .2 | | | | | | | 2.6 | 5.3 |
| NE | .2 | .1 | .4 | .0 | | | | | | | | 1.0 | 6.1 |
| ENE | .2 | .3 | .2 | .2 | | | | | | | | 1.1 | 7.5 |
| E | 1.1 | | .1 | .1 | | | | | | | | 1.3 | 3.7 |
| ESE | .2 | | | .1 | | | | | | | | .3 | 3.3 |
| SE | 1.7 | .3 | .1 | .1 | | | | | | | | 2.2 | 3.5 |
| SSE | 1.0 | 1.9 | .1 | .6 | .1 | | | | | | | 4.4 | 3.4 |
| S | 1.0 | 6.1 | 3.8 | 2.0 | .8 | .1 | | | | | | 26.0 | 5.4 |
| SSW | 2.2 | 1.5 | 1.4 | .2 | .1 | | | | | | | 5.3 | 3.5 |
| SW | 1.0 | .7 | 1.3 | .4 | | | | | | | | 4.2 | 3.5 |
| WSW | 1.2 | .6 | 1.3 | .2 | .3 | | | | | | | 3.7 | 7.1 |
| W | .2 | 1.3 | 1.6 | .6 | .2 | | | | | | | 7.7 | 5.6 |
| WNW | 1.1 | .4 | 1.4 | .3 | | | | | | | | 3.3 | 6.5 |
| NW | 1.0 | .2 | .9 | | | | | | | | | 4.2 | 1.3 |
| NNW | 1.0 | 1.4 | 2.1 | 1.0 | .3 | | | | | | | 7.7 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.6 | |
| | 10.2 | 14.9 | 21.3 | 10.2 | 2.7 | .3 | | | | | | 100.0 | 2.6 |

TOTAL NUMBER OF OBSERVATIONS 900

2

AT - PREPARED BY DIVISION
 STATION/US
 AIR - EATING SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME PORT GEORGE - G. OUT API YEARS 27-98 MONTH AY
 CLASS ALL HOURS (L & T) 0000-0200
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.3 | 4.1 | 1.7 | 1.4 | .4 | | | | | | | 20.9 | 7.3 |
| NNE | .0 | .1 | .1 | .1 | | | | | | | | 1.1 | 4.6 |
| NE | .0 | | | | | | | | | | | .2 | 2.0 |
| ENE | | .1 | | | | | | | | | | .1 | 5.7 |
| E | .0 | | .2 | .1 | | | | | | | | 1.1 | 4.3 |
| ESE | | .2 | .1 | .1 | | | | | | | | .3 | 8.5 |
| SE | 2.4 | .4 | .2 | .1 | | | | | | | | 3.2 | 3.4 |
| SSE | .0 | .4 | .8 | .1 | | | | | | | | 4.2 | 4.2 |
| S | 14.0 | 7.7 | 1.1 | 1.8 | .1 | | | | | | | 26.9 | 4.2 |
| SSW | 1.1 | 1.2 | 2.3 | .6 | .1 | | | | | | | 7.3 | 5.7 |
| SW | 1.1 | 1.5 | 1.7 | .1 | | | | | | | | 7.1 | 4.3 |
| WSW | 1.1 | .5 | .5 | .2 | | | | | | | | 2.7 | 5.5 |
| W | 2.3 | 1.3 | 1.4 | .0 | | | | | | | | 5.6 | 5.7 |
| WNW | .0 | .4 | .1 | .0 | | | | | | | | 2.5 | 8.3 |
| NW | .4 | .2 | 1.1 | .1 | | | | | | | | 3.1 | 5.2 |
| NNW | .0 | .0 | 1.9 | .0 | | | | | | | | 4.8 | 6.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.1 | |
| | 40.4 | 19.8 | 22.5 | 8.7 | .0 | | | | | | | 100.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 AFM/USAF
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 00200 STATION NAME PRINCE GEORGE S C DUT APT YEARS 57-60 MONTH BY

CLASS ALL WEATHER HOURS (L & T) 0100-0500

CONDITION _____

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 5.1 | 4.4 | 6.7 | 1.9 | .2 | | | | | | | 18.3 | 6.7 |
| NNE | .2 | .4 | .1 | | .2 | | | | | | | 1.3 | 6.6 |
| NE | .1 | | | .1 | | | | | | | | .9 | 3.1 |
| ENE | .1 | | .1 | | | | | | | | | .2 | 5.5 |
| E | .1 | | | | | | | | | | | .6 | 1.9 |
| ESE | .1 | | | | | | | | | | | .3 | 2.0 |
| SE | 1.0 | .4 | .1 | .1 | | | | | | | | 2.5 | 3.0 |
| SSE | 3.2 | 1.2 | .3 | .2 | .1 | | | | | | | 5.7 | 3.3 |
| S | 18.4 | 8.0 | 4.0 | .8 | .1 | .2 | | | | | | 32.5 | 4.1 |
| SSW | 3.2 | 1.4 | 1.0 | .5 | | | | | | | | 6.2 | 4.6 |
| SW | 3.6 | .9 | 1.1 | | | | | | | | | 5.2 | 4.1 |
| WSW | .1 | .1 | .8 | .4 | | | | | | | | 1.4 | 0.9 |
| W | 1.7 | 1.6 | .9 | .2 | .1 | | | | | | | 4.5 | 3.9 |
| WNW | .1 | .2 | .2 | .1 | | | | | | | | .9 | 3.6 |
| NW | 1.1 | .6 | 1.2 | .4 | | | | | | | | 3.3 | 6.2 |
| NNW | 1.4 | .3 | 1.2 | .3 | .1 | | | | | | | 3.5 | 0.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.3 | |
| | 43.6 | 20.4 | 17.5 | 5.5 | .9 | .2 | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 STATION USA
 AIR FLEET SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 022 BRUCE GEORGE AFB APT 57-06 DAY
 STATION NAME YEARS MONTH
ALL DATA 2400-0800
 CLASS HOURS (L.S.T.)
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.4 | 3.3 | 0.9 | 2.3 | .0 | | | | | | | 17.7 | 7.3 |
| NNE | .6 | .1 | .5 | .4 | .1 | | | | | | | 1.8 | 8.0 |
| NE | 1.2 | .2 | .2 | .0 | .1 | | | | | | | 2.7 | 6.1 |
| ENE | .1 | .1 | | | | | | | | | | .2 | 2.5 |
| E | 1.1 | .1 | .1 | | | | | | | | | 1.3 | 2.8 |
| ESE | .2 | | | | | | | | | | | .3 | 1.6 |
| SE | 2.2 | .9 | .3 | .1 | | | | | | | | 3.5 | 3.7 |
| SSE | 3.1 | 1.7 | 1.4 | .3 | .1 | | | | | | | 6.7 | 5.9 |
| S | 10.5 | 6.0 | 5.5 | 2.9 | .0 | | | | | | | 27.7 | 5.7 |
| SSW | .4 | 1.4 | 2.0 | 1.3 | .1 | | | | | | | 5.7 | 7.2 |
| SW | 2.1 | 1.5 | 1.4 | .3 | | | | | | | | 5.4 | 5.3 |
| WSW | .7 | 1.1 | .8 | .4 | .1 | | | | | | | 3.2 | 6.9 |
| W | 1.2 | 1.2 | 1.6 | .9 | | | | | | | | 4.9 | 6.7 |
| WNW | .5 | .7 | 1.3 | .4 | | | | | | | | 3.1 | 7.2 |
| NW | 1.2 | 1.1 | 1.0 | .1 | .2 | | | | | | | 3.9 | 5.6 |
| NNW | .7 | .5 | 2.2 | .8 | .1 | .1 | | | | | | 5.5 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.1 | |
| | 44.2 | 21.9 | 25.2 | 11.1 | 1.9 | .3 | | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 STATION
 AIR CENTER SERVICE TAG

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 25200 PRINCE GEORGE I C IUT APT 57-60 YEARS MONTH MAY
 ALL WEATHER CLASS 2900-1100 HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.0 | 2.0 | 3.7 | 2.5 | .1 | .1 | | | | | | 11.7 | 7.4 |
| NNE | 1.3 | .0 | 1.5 | 1.7 | .3 | | | | | | | 5.7 | 8.4 |
| NE | 2.0 | .4 | .9 | 1.4 | .3 | | | | | | | 5.7 | 7.3 |
| ENE | .0 | .1 | .3 | .3 | | | | | | | | 1.4 | 6.2 |
| E | .0 | .1 | .6 | .1 | | | | | | | | 1.4 | 5.2 |
| ESE | 1.2 | .3 | .2 | .2 | | | | | | | | 1.3 | 4.7 |
| SE | 1.2 | .3 | .5 | .6 | | | | | | | | 3.9 | 5.0 |
| SSE | 1.3 | .0 | 1.6 | .8 | .3 | | | | | | | 4.6 | 7.5 |
| S | 2.0 | 2.5 | 4.5 | 3.3 | .3 | .2 | | | | | | 13.4 | 8.4 |
| SSW | 1.2 | 1.9 | 3.1 | 1.1 | .4 | | | | | | | 7.7 | 7.9 |
| SW | 2.0 | 1.8 | 2.3 | 1.3 | .1 | | | | | | | 8.1 | 6.7 |
| WSW | 1.6 | 1.2 | 2.0 | 1.6 | .1 | | | | | | | 6.1 | 8.4 |
| W | 1.4 | 1.3 | 2.5 | 1.9 | .2 | | | | | | | 7.3 | 8.2 |
| WNW | 1.0 | .7 | 2.3 | .5 | .1 | | | | | | | 5.5 | 6.5 |
| NW | 2.3 | 1.4 | 2.2 | .1 | .2 | .2 | | | | | | 6.3 | 6.2 |
| NNW | 2.4 | 1.0 | 2.7 | .6 | | | | | | | | 7.3 | 6.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.9 | |
| | 28.2 | 14.0 | 30.4 | 18.4 | 2.7 | .5 | | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 AFAC/USA
 AIR EATER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 222-5 STATION NAME PRINCE GEORGE R C BNT APT YEARS 57-86 DAY 1200-1400
 CLASS ALL WEATHER MONTH 1200-1400
 HOURS (L.S.T.)
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.2 | 1.5 | 4.0 | 1.4 | .2 | | | | | | | 10.3 | 7.8 |
| NNE | 1.4 | 1.2 | 1.0 | 2.2 | .2 | .1 | | | | | | 6.7 | 8.5 |
| NE | 1.2 | 1.0 | 2.2 | 2.0 | .9 | | | | | | | 7.6 | 9.1 |
| ENE | .4 | .3 | .4 | .1 | | | | | | | | 1.3 | 5.9 |
| E | 1.0 | .6 | .3 | | | | | | | | | 2.4 | 3.8 |
| ESE | .9 | .2 | .2 | .1 | | | | | | | | 1.4 | 4.6 |
| SE | 1.4 | .6 | .5 | .8 | .1 | | | | | | | 1.5 | 6.6 |
| SSE | .9 | 1.0 | 1.4 | 1.9 | .3 | | | | | | | 9.7 | 9.5 |
| S | 2.4 | 1.4 | 2.9 | 3.3 | .8 | .2 | | | | | | 11.3 | 8.8 |
| SSW | .4 | 1.0 | 2.3 | 2.3 | .2 | | | | | | | 6.5 | 9.2 |
| SW | 1.1 | 1.4 | 2.6 | 1.6 | .1 | | | | | | | 6.1 | 8.0 |
| WSW | .7 | 1.1 | 2.6 | 1.8 | .2 | .1 | | | | | | 6.5 | 9.2 |
| W | 1.3 | 1.3 | 2.6 | 3.2 | .8 | | .1 | | | | | 9.3 | 9.7 |
| WNW | 1.1 | .4 | 1.3 | 1.3 | .8 | .1 | | | | | | 9.2 | 9.6 |
| NW | .5 | 1.9 | 2.6 | 1.9 | .3 | | | | | | | 7.7 | 8.8 |
| NNW | 1.3 | 1.2 | 2.3 | 1.7 | .3 | .1 | | | | | | 6.9 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.1 | |
| | 14.7 | 17.2 | 29.2 | 26.1 | 3.9 | .6 | .1 | | | | | 100.0 | 8.5 |

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
STAC/USA
AIR WEATHER SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 252 PRINCE GEORGE AFB STATION NAME PRINCE GEORGE AFB YEARS 57-66 MONTH ALL
CLASS ALL HOURS (L.S.T.) 1500-1700
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.5 | 2.4 | 3.2 | 3.1 | .4 | .1 | | | | | | 14.2 | 4.3 |
| NNE | .4 | 1.0 | 1.6 | 2.0 | 1.0 | | | | | | | 6.5 | 10.3 |
| NE | 1.4 | 1.3 | .9 | 2.3 | .4 | | | | | | | 7.6 | 8.0 |
| ENE | .5 | .9 | .6 | .3 | | | | | | | | 2.4 | 6.6 |
| E | 1.4 | .5 | .9 | .5 | .2 | | | | | | | 3.5 | 6.6 |
| ESE | .3 | .2 | .4 | .3 | | | | | | | | 1.3 | 6.0 |
| SE | 1.1 | .6 | .5 | .4 | .1 | | | | | | | 2.8 | 6.2 |
| SSE | .4 | .4 | .8 | 1.4 | .4 | | | | | | | 1.8 | 9.6 |
| S | 1.1 | 1.7 | 2.9 | 2.5 | .5 | .1 | | | | | | 2.5 | 8.6 |
| SSW | .2 | .9 | 1.9 | 1.5 | .2 | | | | | | | 5.7 | 8.5 |
| SW | 1.1 | 1.4 | 1.8 | 1.5 | .2 | .2 | | | | | | 6.9 | 8.1 |
| WSW | .4 | .5 | .5 | 1.8 | .4 | | | | | | | 4.7 | 10.3 |
| W | 1.4 | 1.4 | 3.3 | 2.8 | .6 | .2 | | | | | | 9.8 | 9.7 |
| WNW | .3 | .6 | 2.3 | 2.3 | .3 | | | | | | | 6.0 | 9.2 |
| NW | .3 | 1.4 | 3.5 | 2.3 | .3 | | | | | | | 8.8 | 8.6 |
| NNW | 1.1 | 1.3 | 2.2 | 1.6 | | .1 | | | | | | 6.1 | 8.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.3 | |
| | 14.2 | 17.2 | 30.3 | 26.7 | 5.4 | .8 | | | | | | 100.0 | 8.6 |

TOTAL NUMBER OF OBSERVATIONS 940

2

ATMOSPHERIC DIVISION
 STATION
 AIR FORCE RESERVE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME OFFICE OF RGE H C BUT SPT YEARS 27-66 DAY 1800-2000
 CLASS ALL WEATHER
 HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.7 | 2.7 | 4.5 | 3.1 | .2 | | | | | | | 13.2 | 7.8 |
| NNE | 1.0 | 1.0 | 2.4 | 1.0 | .2 | .2 | | | | | | 7.3 | 8.6 |
| NE | 1.3 | 1.4 | 3.0 | 1.3 | .2 | .1 | | | | | | 7.8 | 8.3 |
| ENE | .2 | .4 | .5 | .2 | | | | | | | | 1.4 | 7.3 |
| E | 1.4 | .5 | .2 | | | | | | | | | 2.2 | 3.7 |
| ESE | .3 | .5 | .2 | .1 | | | | | | | | 1.4 | 4.8 |
| SE | 1.4 | .3 | .9 | .4 | .1 | | | | | | | 3.1 | 6.0 |
| SSE | .5 | 1.4 | 1.1 | .6 | .1 | | | | | | | 4.0 | 7.1 |
| S | 3.4 | 3.2 | 2.9 | 1.1 | .3 | | | | | | | 11.0 | 6.1 |
| SSW | 1.3 | .6 | 1.6 | .2 | | | | | | | | 3.8 | 6.2 |
| SW | 2.3 | 1.6 | 1.1 | 1.2 | .1 | .1 | | | | | | 6.1 | 7.1 |
| WSW | .2 | .5 | 1.7 | 1.1 | .2 | | | | | | | 4.3 | 8.8 |
| W | 3.1 | 1.3 | 2.4 | 1.7 | .2 | | | | | | | 8.6 | 7.1 |
| WNW | .7 | 1.0 | 1.8 | 1.4 | .2 | .1 | | | | | | 5.7 | 9.3 |
| NW | 3.4 | 2.7 | 2.6 | 1.4 | .2 | .1 | | | | | | 10.4 | 6.5 |
| NNW | 1.1 | 1.0 | 1.3 | 1.0 | | | | | | | | 5.2 | 6.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.3 | |
| | 20.0 | 21.1 | 24.2 | 16.7 | 2.9 | .6 | | | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
 FTAC/USA
 AIR EATER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 252-05 STATION NAME PRASCE GEORGE F. L. MIT APT YEARS 07-06 MONTH AY
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| II | 4.2 | 4.1 | 7.6 | 2.6 | .5 | | | | | | | 19.4 | 7.1 |
| NNE | .0 | .2 | .8 | 1.0 | .2 | | | | | | | 2.5 | 8.7 |
| NE | .7 | .4 | .3 | .2 | | | | | | | | 2.0 | 3.9 |
| ENE | .3 | | .1 | | | | | | | | | .4 | 4.0 |
| E | | .2 | .1 | | | | | | | | | .3 | 6.3 |
| ESE | | .1 | | | | | | | | | | .1 | 4.0 |
| SE | .1 | .6 | .4 | .2 | | | | | | | | 2.4 | 4.6 |
| SSE | .6 | 1.2 | .6 | .1 | | | | | | | | 3.1 | 4.8 |
| S | 4.1 | 4.5 | 2.3 | 1.1 | .2 | | | | | | | 17.2 | 4.7 |
| SSW | 2.4 | 1.2 | 1.5 | .3 | .1 | | | | | | | 5.5 | 5.4 |
| SW | 2.2 | 1.7 | .9 | | | | | | | | | 5.4 | 3.8 |
| WSW | 1.1 | .8 | 1.3 | .9 | .1 | .1 | | | | | | 4.2 | 7.9 |
| W | 4.2 | 1.5 | 2.6 | 1.7 | .4 | | | | | | | 10.5 | 6.5 |
| WNW | 1.2 | .3 | 1.7 | .4 | .2 | | | | | | | 4.0 | 7.3 |
| NW | 1.0 | 1.1 | 1.4 | .2 | | | | | | | | 6.5 | 4.3 |
| NNW | 1.6 | 1.7 | 2.4 | .8 | | | | | | | | 6.5 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.9 | |
| | 36.4 | 14.7 | 24.0 | 9.5 | 1.4 | .1 | | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 940

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR FATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25244 STATION PRINCE GEORGE AFB APT 57-66 YEARS MONTH
CLASS ALL WEATHER
HOURS (L.S.T.) 0000-0200

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.7 | 1.7 | 3.4 | 1.2 | .1 | | | | | | | 10.4 | 6.1 |
| NNE | .7 | .1 | .1 | | | | | | | | | 1.1 | 2.5 |
| NE | 1.8 | | | | | | | | | | | 1.4 | 1.7 |
| ENE | | | | | | | | | | | | | |
| E | .0 | .1 | | | | | | | | | | .7 | 2.5 |
| ESE | .1 | | | | | | | | | | | .1 | 1.0 |
| SE | 2.4 | .1 | .2 | | | | | | | | | 2.2 | 2.7 |
| SSE | 2.9 | 1.2 | 1.0 | | | | | | | | | 2.1 | 4.1 |
| S | 21.0 | 4.2 | 4.4 | .9 | | | | | | | | 35.1 | 3.9 |
| SSW | 3.1 | 1.0 | 1.2 | .7 | | | | | | | | 6.7 | 5.0 |
| SW | 4.1 | .7 | .6 | .3 | | | | | | | | 5.7 | 3.7 |
| WSW | .7 | .9 | 1.1 | .2 | | | | | | | | 3.1 | 6.1 |
| W | 2.8 | 1.2 | 2.0 | .6 | | | | | | | | 7.1 | 3.6 |
| WNW | .6 | .9 | .8 | .2 | | | | | | | | 2.4 | 6.4 |
| NW | 1.7 | .6 | .3 | .2 | | | | | | | | 3.0 | 4.4 |
| NNW | .7 | .3 | 1.1 | .4 | | | | | | | | 2.9 | 7.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.1 | |
| | 64.4 | 14.0 | 16.9 | 5.1 | | | | | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
 ETAC/USF
 IN ESTER RE-VIEW AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

252-0 STATION NAME GEORGE H. C. DUT APT 57-66 YEARS MONTH 0300-0500
 CLASS ALL-ALL-ALL
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.0 | 2.0 | 3.4 | 1.4 | | | | | | | | 7.4 | 6.8 |
| NNE | .0 | .1 | .1 | | | | | | | | | 1.0 | 3.0 |
| NE | .1 | | | | | | | | | | | .7 | 1.8 |
| ENE | .3 | | | .1 | | | | | | | | .4 | 3.8 |
| E | .4 | | .1 | | | | | | | | | .0 | 3.4 |
| ESE | | | | | | | | | | | | | |
| SE | 2.2 | .3 | .1 | | | | | | | | | 2.4 | 2.7 |
| SSE | 4.3 | 2.1 | .6 | | | | | | | | | 7.6 | 3.6 |
| S | 23.0 | 10.3 | 5.0 | .8 | | | | | | | | 34.1 | 3.9 |
| SSW | 3.1 | 1.8 | .6 | .3 | .1 | | | | | | | 5.9 | 4.6 |
| SW | 3.3 | 1.1 | .6 | .1 | | | | | | | | 5.1 | 3.8 |
| WSW | 1.0 | .4 | .7 | .2 | | | | | | | | 2.3 | 3.5 |
| W | 1.0 | .8 | .3 | .4 | | | | | | | | 3.3 | 5.0 |
| WNW | .0 | .2 | .4 | .1 | | | | | | | | 1.3 | 6.3 |
| NW | .6 | .7 | .1 | | | | | | | | | 1.3 | 4.2 |
| NNW | 1.4 | .0 | .4 | 1.2 | | | | | | | | 3.7 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.8 | |
| | 65.4 | 21.0 | 12.4 | 4.8 | .1 | | | | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
STAG/USA
AIR CENTER PRVIGETAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25205 STATION NAME EMILE GEORGE D C HGT APT 17-06 MONTH JUL
STATION CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.1 | 2.1 | 1.4 | 2.1 | | | | | | | | 1.1 | 2.9 |
| NNE | .4 | .3 | .2 | .1 | | | | | | | | 1.5 | 4.2 |
| NE | 1.1 | .1 | | | | | | | | | | 1.2 | 2.0 |
| ENE | .2 | | | | | | | | | | | .2 | 1.5 |
| E | 1.1 | .1 | | | | | | | | | | 1.1 | 2.5 |
| ESE | .2 | | | | | | | | | | | .2 | 1.2 |
| SE | 1.4 | .1 | .1 | | | | | | | | | 2.1 | 2.7 |
| SSE | 1.7 | 1.0 | 1.7 | .3 | | | | | | | | 4.7 | 4.8 |
| S | 12.1 | 8.0 | 11.1 | 3.1 | .1 | | | | | | | 34.9 | 5.9 |
| SSW | .7 | 2.1 | 2.6 | 1.1 | .2 | | | | | | | 6.7 | 7.4 |
| SW | .7 | 2.0 | .4 | .6 | | | | | | | | 5.9 | 4.7 |
| WSW | 1.4 | .1 | 2.2 | .1 | | | | | | | | 4.6 | 6.2 |
| W | 1.1 | 1.3 | .9 | 1.2 | .1 | | | | | | | 5.2 | 6.7 |
| WNW | .1 | .4 | 1.0 | .2 | | | | | | | | 2.4 | 6.3 |
| NW | .1 | 1.0 | .2 | | | | | | | | | 1.7 | 5.0 |
| NNW | .1 | 1.7 | 1.6 | .6 | .1 | | | | | | | 4.9 | 7.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.8 | |
| | 11.1 | 21.9 | 13.7 | 9.7 | .7 | | | | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR CENTER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION PRINCE GEORGE C OUT APT YEARS 57-66 MONTH JUN
 STATION NAME ALL SEATER CLASS 1 HOURS (L.S.T.) 0900-1100
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.2 | 2.4 | 3.8 | 1.7 | | | | | | | | 11.0 | 6.5 |
| NNE | 1.2 | 1.7 | .7 | .3 | .2 | | | | | | | 4.1 | 5.1 |
| NE | .4 | .9 | .2 | | .1 | | | | | | | 3.1 | 3.9 |
| ENE | .1 | .2 | .1 | | | | | | | | | 1.0 | 3.7 |
| E | .5 | .4 | | | | | | | | | | 2.2 | 2.7 |
| ESE | .2 | .1 | | .1 | | | | | | | | .2 | 6.7 |
| SE | .2 | .9 | .3 | | | | | | | | | 2.1 | 3.3 |
| SSE | 1.2 | 1.2 | 1.9 | 1.2 | | | | | | | | 5.6 | 7.3 |
| S | 3.4 | 3.4 | 7.9 | 4.3 | .3 | | | | | | | 21.4 | 7.5 |
| SSW | 1.1 | 1.9 | 3.9 | 1.8 | .1 | | | | | | | 8.4 | 8.4 |
| SW | 2.1 | 2.3 | 2.1 | 1.7 | .2 | | | | | | | 8.4 | 6.9 |
| WSW | 1.3 | 1.6 | 2.3 | 1.1 | .4 | .1 | | | | | | 6.8 | 8.1 |
| W | 2.2 | 1.7 | 2.1 | 1.6 | .2 | | | | | | | 7.8 | 7.2 |
| WNW | .4 | .9 | 1.0 | 1.1 | | | | | | | | 3.5 | 3.1 |
| NW | 1.7 | 1.2 | 1.3 | .3 | | | | | | | | 4.5 | 5.3 |
| NNW | 1.3 | 1.4 | 2.9 | 1.3 | | | | | | | | 6.6 | 7.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.7 | |
| | 24.1 | 20.4 | 30.6 | 16.4 | 1.7 | .1 | | | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2-2-66 STATION ENTRANCE GEORGE AFB APT CLASS ALL-FAIRER YEARS 57-66 MONTH ALL
 1200-1400
 HOURS (L.S.T.)
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 2.3 | 2.7 | 2.0 | .1 | | | | | | | 2.0 | 7.8 |
| NNE | 1.3 | .8 | 1.3 | .3 | .1 | | | | | | | 3.2 | 6.4 |
| NE | 1.0 | 1.1 | .7 | .3 | | | | | | | | 3.7 | 5.2 |
| ENE | .3 | .1 | .3 | .4 | | | | | | | | 1.2 | 5.6 |
| E | 1.7 | .3 | .2 | .1 | | | | | | | | 3.2 | 4.9 |
| ESE | .4 | .3 | .4 | .1 | | | | | | | | 1.3 | 5.6 |
| SE | 1.1 | .7 | 1.2 | .3 | .1 | | | | | | | 3.4 | 5.9 |
| SSE | 1.2 | .8 | 3.2 | 1.7 | .2 | | | | | | | 7.1 | 6.3 |
| S | 3.2 | 2.7 | 5.9 | 4.2 | .4 | | | | | | | 16.4 | 8.2 |
| SSW | .1 | 2.0 | 2.2 | 2.1 | .2 | .1 | | | | | | 7.6 | 8.7 |
| SW | .2 | 1.3 | 3.9 | 1.6 | .1 | | | | | | | 6.2 | 8.0 |
| WSW | 1.2 | 1.1 | 2.7 | 1.0 | .3 | | | | | | | 7.0 | 4.3 |
| W | 1.4 | 1.1 | 2.3 | 1.8 | .6 | .2 | | | | | | 7.4 | 9.4 |
| WNW | .2 | 1.2 | 1.0 | 1.4 | .4 | | | | | | | 6.7 | 9.2 |
| NW | 1.3 | 1.6 | 2.2 | 1.3 | | | | | | | | 6.4 | 7.6 |
| NNW | .7 | .9 | 2.7 | 2.1 | | | | | | | | 6.5 | 8.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .0 | |
| | 20.4 | 18.3 | 35.7 | 21.4 | 2.7 | .3 | | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
STATION DATA
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 102-6 STATION NAME AIRCRAFT GEORGE C BUTLER APT YEARS 57-61 MONTH JAN
CLASS ALL WEATHER HOURS 1500-1700
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.0 | 2.4 | 4.1 | 2.3 | .2 | | | | | | | 11.7 | 7.5 |
| NNE | 1.1 | 1.4 | 2.2 | .0 | .1 | .2 | | | | | | 5.7 | 7.6 |
| NE | 1.7 | .4 | 1.2 | .7 | | | | | | | | 4.3 | 6.3 |
| ENE | .2 | .2 | .0 | | | | | | | | | 1.3 | 4.9 |
| E | 1.0 | .7 | .2 | .1 | | | | | | | | 1.7 | 3.9 |
| ESE | .1 | | | | | | | | | | | .1 | 3.0 |
| SE | 1.3 | .4 | .4 | .3 | .1 | | | | | | | 3.7 | 4.9 |
| SSE | 1.1 | .8 | 2.4 | 2.1 | .1 | | | | | | | 6.6 | 5.6 |
| S | 1.7 | 3.1 | 6.2 | 4.4 | .0 | | | | | | | 16.2 | 8.2 |
| SSW | 1.1 | 1.2 | 2.4 | .0 | .1 | .2 | | | | | | 5.6 | 7.8 |
| SW | .2 | .0 | 2.7 | .0 | | .1 | | | | | | 5.3 | 7.8 |
| WSW | .0 | 1.1 | 2.1 | .8 | .3 | | | | | | | 4.9 | 8.5 |
| W | 1.2 | 1.0 | 2.3 | 2.2 | .0 | .4 | .1 | | | | | 8.2 | 10.3 |
| WNW | .2 | .9 | 2.1 | 2.2 | .0 | .1 | | | | | | 6.3 | 10.7 |
| NW | 2.1 | 1.2 | 2.8 | 1.5 | .4 | | | | | | | 8.2 | 8.2 |
| NNW | 1.2 | 2.2 | 3.0 | 1.3 | .6 | | | | | | | 8.0 | 7.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.1 | |
| | 20.6 | 18.6 | 34.9 | 20.2 | 3.8 | 1.1 | .1 | | | | | 100.0 | 8.0 |

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
 AFAC/USA
 AIR EATER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 00243 NAME SMITHS GEORGE AFB TX WPT YEARS 57-60 MONTH JUN
 CLASS ALL WEATHER HOURS (L & T) 1800-2000
 CONDITION _____

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.4 | 3.1 | 4.3 | 2.6 | .4 | | | | | | | 14.3 | 6.9 |
| NNE | 1.3 | 1.6 | 1.2 | 1.2 | .1 | | | | | | | 5.2 | 7.3 |
| NE | 1.2 | 1.6 | 1.3 | .2 | | | | | | | | 4.3 | 5.7 |
| ENE | .7 | .1 | .6 | .1 | | | | | | | | 1.4 | 5.3 |
| E | 1.3 | .4 | .4 | | | | | | | | | 3.2 | 3.9 |
| ESE | .6 | | .2 | | | | | | | | | .4 | 3.3 |
| SE | 2.1 | .9 | .6 | .1 | | | | | | | | 3.6 | 4.5 |
| SSE | 1.0 | 1.4 | .9 | .4 | | | | | | | | 4.1 | 5.6 |
| S | 4.7 | 2.8 | 2.6 | 2.0 | .4 | .1 | | | | | | 15.8 | 6.9 |
| SSW | 1.1 | 1.4 | 1.4 | .4 | .2 | | | | | | | 4.7 | 6.9 |
| SW | .6 | .6 | 1.2 | .6 | | .1 | | | | | | 4.4 | 6.1 |
| WSW | .7 | .4 | 1.6 | .6 | .2 | | | | | | | 3.7 | 8.3 |
| W | 3.3 | 1.2 | 2.2 | 2.2 | .1 | | | | | | | 9.1 | 7.0 |
| WNW | 1.6 | 1.2 | 3.0 | 1.4 | .2 | | | | | | | 7.1 | 5.3 |
| NW | 2.3 | 2.1 | 2.7 | 1.0 | | | | | | | | 8.7 | 6.8 |
| NNW | 2.1 | 2.2 | 1.9 | .7 | .1 | | | | | | | 6.7 | 5.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.4 | |
| | 30.0 | 21.0 | 24.1 | 13.8 | 1.9 | .2 | | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 WASHINGTON
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25200 STATION NAME: PRINCE GEORGE ILC MIL APT 27-66 MONTH: JUNE
 CLASS: ALL SEATYPES HOURS (L.S.T.): 2100-2300
 CONDITION:

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.0 | 1.0 | 1.4 | 1.1 | | | | | | | | 11.3 | 4.6 |
| NNE | 1.0 | .4 | .6 | .1 | | | | | | | | 2.1 | 4.9 |
| NE | 1.0 | .1 | .1 | .1 | | | | | | | | 2.1 | 3.1 |
| ENE | .3 | .2 | | .1 | | | | | | | | .7 | 3.3 |
| E | .4 | .2 | | | | | | | | | | 1.1 | 2.4 |
| ESE | | | | | | | | | | | | | |
| SE | .7 | .1 | .2 | | | | | | | | | 1.2 | 3.5 |
| SSE | 2.0 | 1.4 | .9 | | | | | | | | | 4.6 | 4.2 |
| S | 13.0 | 5.4 | 3.9 | 1.1 | .2 | | | | | | | 23.9 | 4.3 |
| SSW | 2.0 | 1.7 | 1.3 | .3 | | | | | | | | 6.2 | 5.1 |
| SW | 2.7 | 1.4 | 1.2 | .1 | | | | | | | | 5.7 | 4.3 |
| WSW | 1.0 | 1.0 | 1.1 | .3 | .1 | | | | | | | 3.9 | 6.5 |
| W | 4.1 | 2.1 | 2.1 | .7 | | | | | | | | 9.0 | 3.1 |
| WNW | 1.0 | 1.0 | 2.0 | 1.1 | | | | | | | | 6.2 | 7.5 |
| NW | 1.0 | 1.4 | 1.4 | .3 | .1 | | | | | | | 6.3 | 5.1 |
| NNW | 1.1 | 1.3 | 2.3 | .2 | | | | | | | | 5.0 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.7 | |
| | 42.0 | 19.8 | 21.4 | 3.7 | .4 | | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR EATER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION PRINCE GEORGE AFB APT 57-06 1961
 STATION NAME YEARS MONTH
 CLASS ALL 0000-0200
 HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.9 | 2.1 | 3.4 | 1.3 | | | | | | | | 11.4 | 4.0 |
| NNE | 1.3 | | .2 | .1 | | | | | | | | 1.6 | 3.6 |
| NE | 1.3 | | | .1 | | | | | | | | 1.4 | 2.9 |
| ENE | .1 | | | | | | | | | | | .1 | 1.0 |
| E | .1 | | | | | | | | | | | .1 | 2.0 |
| ESE | .4 | | | | | | | | | | | .4 | 1.3 |
| SE | 1.4 | .5 | | | | | | | | | | 1.9 | 3.2 |
| SSE | 3.2 | 2.2 | .5 | .1 | | | | | | | | 6.3 | 3.8 |
| S | 19.7 | 9.4 | 4.4 | 1.4 | .1 | | | | | | | 34.9 | 4.1 |
| SSW | 3.3 | 1.7 | .4 | .2 | | | | | | | | 5.7 | 3.7 |
| SW | 4.3 | 1.3 | 1.1 | .1 | | | | | | | | 6.8 | 3.9 |
| WSW | .5 | .2 | .6 | .4 | | | | | | | | 1.9 | 7.1 |
| W | 1.6 | 1.4 | 1.2 | 1.0 | | | | | | | | 5.4 | 6.6 |
| WNW | .2 | .1 | .4 | .4 | | | | | | | | 1.5 | 7.9 |
| NW | 1.6 | | | | | | | | | | | 1.0 | 2.2 |
| NNW | .6 | .9 | 1.5 | .2 | | | | | | | | 3.3 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.9 | |
| | 44.7 | 20.4 | 13.9 | 5.4 | .1 | | | | | | | 100.0 | 3.9 |

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 DTIC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25206 STATION PRINCE GEORGE D.C. INT APT 57-66 YEARS MONTH
 CLASS ALL WEATHER
 HOURS (LST) 0300-0500

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.2 | 2.4 | 2.6 | .2 | | | | | | | | 10.2 | 2.4 |
| NNE | .2 | .2 | | .1 | | | | | | | | .2 | 4.4 |
| NE | 1.0 | .1 | | | | | | | | | | 1.7 | 1.9 |
| ENE | .2 | | | | | | | | | | | .5 | 1.4 |
| E | .3 | .1 | | | | | | | | | | .4 | 2.3 |
| ESE | .4 | | | .1 | | | | | | | | .5 | 3.4 |
| SE | 2.4 | .3 | .1 | | | | | | | | | 2.2 | 2.6 |
| SSE | 3.2 | 2.2 | 1.0 | .1 | | | | | | | | 6.2 | 4.3 |
| S | 24.0 | 10.2 | 6.0 | 1.0 | | | | | | | | 41.2 | 4.1 |
| SSW | 1.4 | 1.3 | .6 | | | | | | | | | 5.3 | 3.5 |
| SW | 2.3 | 1.2 | .8 | | | | | | | | | 4.2 | 3.9 |
| WSW | .2 | .1 | .2 | .3 | | | | | | | | 1.2 | 3.6 |
| W | 1.2 | .5 | .3 | .2 | | | | | | | | 2.6 | 4.5 |
| WNW | .2 | .1 | .1 | .1 | | | | | | | | .5 | 6.2 |
| NW | 1.3 | .2 | .3 | | | | | | | | | 1.8 | 3.5 |
| NNW | .2 | .2 | .9 | .4 | | | | | | | | 2.6 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.2 | |
| | 43.2 | 14.5 | 12.9 | 3.2 | | | | | | | | 100.0 | 3.5 |

TOTAL NUMBER OF OBSERVATIONS 730

2

DATA PROCESSING DIVISION
STAG/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25200 STATION PRINCE GEORGE W. C. B. I. APT 57-66 JUL NORTH
CLASS ALL WEATHER 0600-0800
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.0 | 2.5 | 2.5 | 1.8 | .1 | | | | | | | 11.2 | 6.0 |
| NNE | 2.0 | .2 | | .1 | | | | | | | | 2.4 | 2.9 |
| NE | 1.4 | .2 | | | | | | | | | | 1.6 | 2.3 |
| ENE | .4 | | | | | | | | | | | .4 | 1.3 |
| E | 1.3 | | | | | | | | | | | 1.5 | 2.0 |
| ESE | .4 | | | | | | | | | | | .3 | 2.0 |
| SE | 3.4 | .2 | .2 | | | | | | | | | 3.7 | 2.6 |
| SSE | 4.3 | 2.4 | 1.7 | .4 | | | | | | | | 8.8 | 4.6 |
| S | 13.4 | 10.3 | 11.4 | 3.4 | .3 | | | | | | | 32.9 | 5.9 |
| SSW | 2.5 | 1.3 | 2.3 | .8 | | | | | | | | 6.8 | 6.2 |
| SW | 1.4 | 1.8 | 1.5 | .1 | .1 | | | | | | | 5.5 | 5.3 |
| WSW | .2 | .9 | .2 | .4 | .1 | | | | | | | 1.8 | 7.1 |
| W | 1.2 | .8 | .6 | .1 | | | | | | | | 3.0 | 4.9 |
| WNW | .4 | .9 | .1 | .1 | | | | | | | | 1.4 | 3.2 |
| NW | .8 | .8 | .3 | | | | | | | | | 1.6 | 4.6 |
| NNW | .4 | .2 | 1.1 | .3 | | | | | | | | 2.5 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.4 | |
| | 34.4 | 22.7 | 21.9 | 7.6 | .6 | | | | | | | 100.2 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 USAFETAC
 WIND DATA FROM SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25206 STATION PRINCE GEORGE - 5 OUT APT 57-60 YEARS MONTH JUL
 CLASS ALL WEATHER 0900-1100
 HOURS (L.S.T.)
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.0 | 1.2 | 3.1 | 1.7 | .3 | | | | | | | 13.0 | 6.4 |
| NNE | 1.0 | .5 | .8 | .3 | | | | | | | | 3.2 | 3.2 |
| NE | 2.3 | .2 | .1 | .3 | .1 | | | | | | | 2.6 | 4.3 |
| ENE | .4 | | | | | | | | | | | .4 | 2.3 |
| E | 1.4 | .1 | | | | | | | | | | 1.5 | 2.2 |
| ESE | .5 | .2 | | | | | | | | | | .7 | 2.4 |
| SE | 2.2 | .5 | .4 | | | | | | | | | 3.1 | 3.6 |
| SSE | 1.3 | 1.8 | 2.2 | .8 | | | | | | | | 5.1 | 6.8 |
| S | 2.1 | 3.9 | 8.4 | 4.5 | .3 | | | | | | | 22.2 | 7.5 |
| SSW | 1.7 | 1.1 | 3.3 | 1.4 | | | | | | | | 7.5 | 7.7 |
| SW | 3.2 | 2.9 | 2.9 | .8 | .1 | | | | | | | 9.9 | 5.8 |
| WSW | 1.3 | 1.1 | 1.6 | .2 | .1 | | | | | | | 4.3 | 6.5 |
| W | 2.4 | 1.9 | 2.8 | .6 | .1 | | | | | | | 7.8 | 6.2 |
| WNW | 1.2 | 1.4 | .9 | .4 | .2 | | | | | | | 4.1 | 6.5 |
| NW | 1.2 | 1.1 | 1.0 | .3 | | | | | | | | 3.5 | 5.8 |
| NNW | 1.0 | .9 | 1.0 | .2 | | | | | | | | 4.0 | 5.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.8 | |
| | 31.7 | 20.9 | 28.4 | 11.9 | 1.3 | | | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS 230

2

DATA PROCESSING DIVISION
STAC/USF
AIR EATER SERVICE/AL

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

75244 STATION PRINCE GEORGE H.S. OUT APT 57-66 JUL 1966
STATION NAME CLASS ALL WEATHER MONTH NORTH
CONDITION 1200-1400 HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .0 | 2.1 | 3.9 | 1.9 | .4 | .1 | | | | | | 10.2 | 8.4 |
| NNE | 1.0 | .6 | .9 | 1.6 | .2 | | | | | | | 4.5 | 7.0 |
| NE | 2.2 | 1.3 | .8 | .3 | | | | | | | | 4.8 | 4.7 |
| ENE | .4 | .2 | .2 | .1 | | | | | | | | 1.0 | 5.3 |
| E | 1.7 | .6 | .4 | | | | | | | | | 2.8 | 3.8 |
| ESE | .5 | .1 | .2 | | | | | | | | | 1.0 | 4.0 |
| SE | 1.3 | .9 | 1.2 | .1 | | | | | | | | 3.7 | 5.1 |
| SSE | 1.3 | .3 | 1.6 | .6 | | | | | | | | 4.1 | 6.9 |
| S | 2.4 | 3.4 | 5.3 | 4.7 | .1 | | | | | | | 15.9 | 8.2 |
| SSW | 1.1 | 1.2 | 2.9 | 1.9 | .3 | | | | | | | 7.4 | 8.9 |
| SW | 2.2 | 2.4 | 2.4 | 1.4 | | | | | | | | 8.6 | 6.6 |
| WSW | .1 | 1.2 | 2.9 | 1.3 | .2 | | | | | | | 6.3 | 8.4 |
| W | 1.1 | 1.2 | 3.8 | 2.7 | .3 | | | | | | | 9.7 | 8.5 |
| WNW | .3 | 1.3 | 2.2 | 1.2 | .1 | | | | | | | 5.5 | 8.1 |
| NW | 1.1 | 1.5 | 2.2 | .6 | .1 | .1 | | | | | | 5.6 | 7.2 |
| NNW | 1.1 | 1.5 | 2.8 | .9 | | | | | | | | 6.9 | 6.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.0 | |
| | 21.9 | 20.6 | 33.7 | 18.6 | 1.4 | .2 | | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 DTIC/USAF
 AIR WEATHER SERVICE/44C

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25216 STATION PRINCE GEORGE H C DUT APT 57-66 YEARS JUL
 MONTH
 ALL FEATHERS CLASS 1500-1700
 HOURS (L.S.T.)
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.2 | 2.4 | 5.3 | 2.5 | .2 | | | | | | | 13.2 | 7.5 |
| NNE | 1.2 | .3 | 1.1 | 1.3 | | | | | | | | 4.1 | 7.7 |
| NE | 1.4 | 1.2 | 1.0 | .4 | | | | | | | | 4.1 | 6.7 |
| ENE | .0 | .3 | .2 | .2 | .1 | | | | | | | 1.5 | 8.2 |
| E | 1.2 | 1.1 | .4 | .2 | | | | | | | | 3.2 | 4.9 |
| ESE | .4 | .2 | .1 | | | | | | | | | .8 | 3.7 |
| SE | 1.2 | 1.5 | .9 | .2 | | | | | | | | 4.2 | 4.5 |
| SSE | 1.4 | .4 | 1.6 | .5 | | | | | | | | 4.4 | 6.7 |
| S | 2.6 | 3.3 | 6.0 | 3.4 | .1 | .1 | | | | | | 15.6 | 8.1 |
| SSW | .0 | 1.4 | 2.2 | 1.5 | | | | | | | | 5.7 | 8.2 |
| SW | 1.2 | 1.4 | 2.2 | 1.2 | .2 | | | | | | | 6.5 | 7.5 |
| WSW | .2 | .6 | .9 | .9 | .3 | | | | | | | 3.0 | 2.5 |
| W | .6 | 1.9 | 4.2 | 1.7 | .3 | .1 | | | | | | 8.9 | 9.0 |
| WNW | .0 | 1.3 | 1.4 | 2.2 | .1 | .1 | | | | | | 5.7 | 9.3 |
| NW | 1.7 | 1.2 | 3.4 | 1.6 | | .1 | | | | | | 8.8 | 7.7 |
| NNW | 1.5 | 2.5 | 2.7 | 1.4 | .1 | | | | | | | 8.2 | 7.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.5 | |
| | 20.4 | 22.9 | 33.4 | 19.9 | 1.2 | .4 | | | | | | 100.0 | 7.5 |

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USA-
AIR ENTER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

232-0 STATION PRINCE GEORGE AFB APT 57-66 YEARS MONTH JUL
CLASS ALL WEATHER HOURS 1800-2000
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.5 | 3.8 | 4.3 | .8 | .2 | .1 | | | | | | 14.0 | 6.1 |
| NNE | 1.2 | .9 | 1.0 | .2 | | | | | | | | 3.2 | 5.5 |
| NE | 1.7 | 1.3 | 1.2 | 1.0 | .1 | | | | | | | 5.3 | 6.5 |
| ENE | .8 | .1 | .5 | .1 | | | | | | | | 1.5 | 5.2 |
| E | 1.2 | .4 | .3 | | | | | | | | | 1.9 | 3.7 |
| ESE | .3 | .4 | | | | | | | | | | .7 | 3.9 |
| SE | 2.2 | 1.0 | .3 | .1 | | | | | | | | 3.5 | 3.9 |
| SSE | 1.1 | .4 | 1.1 | .4 | | | | | | | | 3.3 | 6.0 |
| S | 4.0 | 4.3 | 5.6 | 2.4 | .1 | | .1 | | | | | 17.1 | 6.6 |
| SSW | 1.5 | .8 | 1.0 | .2 | | | | | | | | 3.4 | 5.5 |
| SW | 1.9 | .5 | 1.2 | .4 | | | | | | | | 4.1 | 5.5 |
| WSW | 1.1 | .3 | .9 | .4 | | | | | | | | 2.7 | 6.4 |
| W | 3.3 | 2.6 | 1.8 | 2.6 | .1 | .1 | | | | | | 10.5 | 7.0 |
| WNW | .5 | .0 | 3.4 | .9 | .2 | .2 | | | | | | 3.9 | 9.1 |
| NW | 1.3 | 1.8 | 3.3 | .4 | .1 | | | | | | | 9.5 | 5.9 |
| NNW | 2.3 | 2.0 | 1.9 | .4 | .1 | | | | | | | 7.3 | 5.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.9 | |
| | 31.4 | 22.2 | 27.8 | 10.3 | 1.3 | .4 | .1 | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23246 STATION NAME BRIDGE GEORGE C. DUT APT 57-60 YEARS MONTH JUL
CLASS ALL WEATHER 2100-2300
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.1 | 3.1 | 2.1 | 1.4 | .1 | | | | | | | 12.4 | 5.7 |
| NNE | .3 | .1 | .1 | .1 | | | | | | | | .5 | 4.5 |
| NE | .1 | .4 | .2 | .2 | | | | | | | | 1.3 | 4.9 |
| ENE | .1 | .1 | | | | | | | | | | .2 | 4.2 |
| E | .4 | | .1 | | | | | | | | | .5 | 3.2 |
| ESE | .1 | .1 | | | | | | | | | | .2 | 3.2 |
| SE | 1.1 | | .1 | | .1 | | | | | | | 1.3 | 3.3 |
| SSE | 1.2 | .9 | .1 | .5 | | | | | | | | 2.7 | 5.6 |
| S | 12.4 | 7.4 | 4.9 | 1.4 | | | | | | | | 26.7 | 4.7 |
| SSW | 1.0 | 1.1 | .5 | .3 | | | | | | | | 3.4 | 4.3 |
| SW | 2.5 | 1.5 | 1.2 | .2 | | | | | | | | 5.7 | 4.5 |
| WSW | 1.3 | .4 | 1.0 | .2 | | | | | | | | 3.2 | 3.1 |
| W | 4.4 | 2.1 | 2.3 | 1.2 | | | | | | | | 11.1 | 5.4 |
| WNW | 1.0 | .3 | 1.2 | 1.3 | .1 | | | | | | | 4.9 | 7.1 |
| NW | 3.4 | 1.5 | .6 | .3 | | | | | | | | 5.9 | 4.1 |
| NNW | 1.3 | .4 | 1.1 | .1 | | | | | | | | 2.9 | 3.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.1 | |
| | 34.4 | 20.4 | 16.1 | 7.3 | .4 | | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 AFAC/USA
 AIR EATER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 25200 PRINCE GEORGE A. C. INT APT STATION NAME 57-05 YEARS MONTH 0000-0200 HOURS (L.S.T.)
 CLASS ALL WEATHERS
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.1 | 2.0 | 2.8 | .2 | .2 | | | | | | | 10.3 | 3.4 |
| NNE | 1.0 | .1 | .3 | | | | | | | | | 1.4 | 3.5 |
| NE | 1.1 | .1 | .1 | .1 | | | | | | | | 2.5 | 2.9 |
| ENE | .2 | | | | | | | | | | | .3 | 1.7 |
| E | .2 | | .1 | | | | | | | | | .5 | 2.0 |
| ESE | .2 | .2 | | | | | | | | | | .4 | 3.0 |
| SE | 1.2 | .9 | .1 | | | | | | | | | 2.6 | 3.6 |
| SSE | 4.9 | 2.3 | .1 | .1 | | | | | | | | 8.1 | 3.9 |
| S | 20.6 | 11.1 | 6.6 | 2.5 | | | | | | | | 40.9 | 4.5 |
| SSW | 1.8 | .9 | .5 | .3 | | | | | | | | 3.5 | 4.4 |
| SW | 1.9 | .5 | .6 | .1 | | .1 | | | | | | 3.3 | 4.0 |
| WSW | .6 | .0 | .4 | .1 | | | | | | | | 1.8 | 3.3 |
| W | 1.7 | .6 | 1.2 | .4 | | | | | | | | 4.0 | 3.6 |
| WNW | 1.0 | .1 | .5 | .6 | | | | | | | | 2.3 | 6.7 |
| NW | 2.4 | .4 | .1 | .1 | .1 | | | | | | | 3.1 | 3.7 |
| NNW | 1.3 | .2 | .5 | .6 | | | | | | | | 2.7 | 3.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.3 | |
| | 40.4 | 20.1 | 15.1 | 5.9 | .3 | .1 | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 RTAC/USAF
 AIR EAT PR SERVICE/ACU

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 252-5 PRINCE GEORGE I C INT APT STATION NAME 17-66 YEARS MONTH 4500
 CLASS ALL-FAHRS HOURS (L.S.T.) 0500-0500

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.1 | 1.0 | 1.8 | .1 | | | | | | | | 1.3 | 5.1 |
| NNE | .2 | .2 | .1 | .1 | | | | | | | | 1.2 | 4.2 |
| NE | 1.2 | | .1 | | | | | | | | | 1.4 | 2.2 |
| ENE | .3 | | .1 | | | | | | | | | .4 | 4.0 |
| E | 1.2 | | | | | | | | | | | 1.2 | 1.6 |
| ESE | .1 | | | | | | | | | | | .1 | 2.0 |
| SE | 1.2 | .1 | | | | | | | | | | 1.2 | 2.3 |
| SSE | .2 | .2 | .6 | | | | | | | | | 0.7 | 3.2 |
| S | 25.0 | 10.0 | 1.2 | 2.3 | .1 | | | | | | | 46.0 | 4.4 |
| SSW | .1 | 1.4 | .5 | .2 | | | | | | | | 5.8 | 3.8 |
| SW | 1.0 | .6 | .4 | | | | | | | | | 6.7 | 3.4 |
| WSW | .4 | .2 | .3 | | | | | | | | | 1.0 | 3.0 |
| W | .1 | | .8 | .2 | | | | | | | | 2.7 | 5.0 |
| WNW | .2 | .1 | .6 | .3 | | | | | | | | 1.8 | 7.0 |
| NW | 1.4 | .2 | | | | | | | | | | 1.6 | 2.5 |
| NNW | .4 | .3 | .2 | .1 | | | | | | | | 1.5 | 4.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.0 | |
| | 48.4 | 18.0 | 12.9 | 4.2 | .1 | | | | | | | 100.0 | 3.6 |

TOTAL NUMBER OF OBSERVATIONS 92

2

DATA PROCESSOR DIVISION
 AFAC/USAF
 AIRCRAFT SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 25200 STATION NAME PRINCE GEORGE AIRPORT YEARS 17-66 MONTH 8
 CLASS ALL SEATTLE
 HOURS 0800-0800
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.4 | 2.1 | 2.6 | .3 | .1 | | | | | | | 3.3 | 5.5 |
| NNE | .3 | .1 | | | | | | | | | | .2 | 2.3 |
| NE | 1.2 | | | | | | | | | | | 1.2 | 2.1 |
| ENE | .6 | | | | | | | | | | | .2 | 2.5 |
| E | .2 | | | | | | | | | | | .2 | 1.9 |
| ESE | .3 | .1 | | | | | | | | | | .0 | 2.2 |
| SE | 2.1 | .2 | .2 | | | | | | | | | 1.1 | 2.7 |
| SSE | 1.2 | 2.8 | 1.1 | .4 | | | | | | | | 11.5 | 4.0 |
| S | 17.2 | 10.0 | 12.6 | 4.4 | | | | | | | | 44.2 | 5.7 |
| SSW | 1.2 | .8 | .8 | 1.4 | .2 | | | | | | | 4.4 | 8.4 |
| SW | .8 | .9 | .9 | | | | | | | | | 3.5 | 4.5 |
| WSW | .2 | .3 | .4 | .2 | | | | | | | | 1.5 | 6.4 |
| W | .8 | .5 | 1.1 | .4 | | | | | | | | 3.9 | 5.5 |
| WNW | .6 | | .9 | .1 | | | | | | | | 1.2 | 7.5 |
| NW | .3 | .5 | .4 | | | | | | | | | 2.3 | 4.0 |
| NNW | .3 | .2 | .2 | | | | | | | | | 1.8 | 4.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.4 | |
| | 4.2 | 19.2 | 21.4 | 7.6 | .4 | | | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS

930

AD-A100 242 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 8/2
PRINCE GEORGE APT, BRITISH COLUMBIA, CANADA. REVISED UNIFORM SU--ETC(11)
NOV 71

UNCLASSIFIED USAFETAC/DS-81/037

SBIE-AD-E850 064

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200000



2

DATA PREPARED BY DIVISION
ETAC/USA
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 5200 PRINCE GEORGE R.C. OUT APT 27-60 YEARS AUG MONTH
CLASS ALL WEATHER 0900-1100
CONDITION HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.7 | 2.8 | 2.8 | .8 | .3 | | | | | | | 11.4 | 5.6 |
| NNE | .9 | .6 | .1 | | | | | | | | | 1.6 | 4.1 |
| NE | 2.2 | .5 | .3 | .1 | | | | | | | | 3.1 | 3.7 |
| ENE | .6 | | | | | | | | | | | .2 | 2.0 |
| E | 1.2 | | | | | | | | | | | 1.2 | 2.0 |
| ESE | .3 | .2 | | | | | | | | | | .9 | 2.9 |
| SE | 2.4 | .9 | .3 | | | | | | | | | 1.5 | 3.4 |
| SSE | 2.2 | 1.9 | 2.3 | .2 | | | | | | | | 7.2 | 6.4 |
| S | 4.2 | 3.5 | 11.4 | 7.8 | .3 | | | | | | | 27.6 | 8.0 |
| SSW | 1.0 | 2.0 | 3.4 | 1.6 | .1 | | | | | | | 9.0 | 7.6 |
| SW | 2.4 | 2.8 | 2.4 | .4 | .1 | | | | | | | 7.7 | 5.8 |
| WSW | 1.6 | 1.1 | 1.0 | .5 | .2 | | | | | | | 4.4 | 6.4 |
| W | 2.4 | 1.5 | 2.0 | .6 | | | | | | | | 6.6 | 6.1 |
| WNW | .6 | .6 | .9 | .5 | .1 | .1 | | | | | | 2.9 | 8.0 |
| NW | .6 | .9 | .9 | .1 | .1 | | | | | | | 4.0 | 4.9 |
| NNW | 1.2 | 1.3 | 1.3 | .1 | | | | | | | | 3.9 | 5.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.7 | |
| | 30.2 | 20.8 | 29.0 | 13.5 | 1.3 | .1 | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 AFAG/USF
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 25200 STATION NAME BRUCE GEORGE 3 C UNIT APT YEARS 57-66 MONTH 12
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.4 | 2.0 | 5.7 | 1.3 | .4 | | | | | | | 12.7 | 7.1 |
| NNE | 1.0 | 1.0 | 1.3 | .4 | | | | | | | | 3.7 | 6.2 |
| NE | 1.7 | .3 | 1.1 | .4 | | | | | | | | 3.5 | 5.9 |
| ENE | .4 | | | .2 | | | | | | | | .6 | 6.0 |
| E | .8 | .1 | | | | | | | | | | 1.7 | 2.8 |
| ESE | .0 | .2 | .1 | | | | | | | | | 1.0 | 3.6 |
| SE | .2 | .5 | .8 | .1 | | | | | | | | 2.3 | 5.4 |
| SSE | 1.2 | .4 | 2.7 | .6 | | | | | | | | 4.9 | 7.4 |
| S | 3.3 | 4.4 | 8.0 | 5.9 | .1 | | | | | | | 21.7 | 8.2 |
| SSW | .9 | 1.7 | 3.1 | 2.8 | .1 | | | | | | | 8.6 | 8.6 |
| SW | 2.5 | 1.0 | 2.7 | 1.0 | | | | | | | | 6.7 | 6.7 |
| WSW | 1.0 | 1.0 | 2.0 | 1.3 | | | | | | | | 5.3 | 6.2 |
| W | 1.1 | 2.0 | 1.9 | 1.5 | .1 | | | | | | | 6.7 | 7.0 |
| WNW | .4 | 1.3 | 2.3 | .8 | .1 | .1 | | | | | | 5.9 | 7.4 |
| NW | 1.0 | 1.5 | 2.4 | .4 | .1 | | | | | | | 6.2 | 6.3 |
| NNW | 1.1 | 1.4 | 2.9 | .5 | .1 | | | | | | | 3.9 | 7.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.6 | |
| | 24.4 | 18.9 | 36.9 | 17.3 | 1.1 | .1 | | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25200 STATION PRINCE GEORGE S C OUT APT 57-66 AUG
STATION NAME YEARS MONTH
ALL WEATHER CLASS 1500-1700
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.7 | 4.6 | 6.2 | 1.7 | .1 | | | | | | | 16.3 | 6.7 |
| NNE | 1.4 | .9 | 1.2 | .5 | .1 | | | | | | | 4.0 | 6.7 |
| NE | 1.2 | 1.4 | 1.0 | 1.2 | | | | | | | | 5.1 | 6.8 |
| ENE | .2 | .3 | .3 | .2 | | | | | | | | 1.1 | 7.4 |
| E | 1.3 | .9 | .2 | | | | | | | | | 2.4 | 3.6 |
| ESE | .2 | .1 | .4 | | | | | | | | | 1.1 | 4.8 |
| SE | 1.2 | .4 | .3 | .1 | | | | | | | | 2.0 | 4.8 |
| SSE | .2 | 1.4 | 1.3 | | .1 | | | | | | | 3.7 | 6.1 |
| S | .2 | .4 | 8.4 | 4.2 | | | | | | | | 19.6 | 7.7 |
| SSW | 1.2 | 1.7 | 2.4 | 1.3 | .1 | | | | | | | 7.0 | 7.4 |
| SW | 1.0 | 1.7 | 1.4 | .4 | | | | | | | | 5.4 | 5.7 |
| WSW | .2 | 1.2 | 1.4 | .3 | | .1 | | | | | | 4.2 | 7.8 |
| W | 1.2 | 1.3 | 2.3 | 1.1 | .3 | | | | | | | 6.5 | 7.5 |
| WNW | .0 | .6 | 2.2 | 1.7 | .4 | .1 | | | | | | 5.7 | 10.1 |
| NW | 1.2 | 1.3 | 3.1 | .8 | | | | | | | | 6.5 | 7.1 |
| NNW | 1.4 | 2.0 | 3.1 | 1.1 | .2 | | | | | | | 7.8 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.8 | |
| | 23.3 | 23.3 | 35.2 | 15.1 | 1.4 | .2 | | | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 910

1
2

DATA PROCESSING DIVISION
AFAC/USAF
AIR WEATHER SERVICE/SAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 25246 PRINCE GEORGE I C DUT APT 57-60 YEARS MONTH ALL
STATION NAME CLASS HOURS (L S T)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 5.6 | 3.0 | .8 | .2 | .1 | | | | | | 17.8 | 3.0 |
| NNE | 1.2 | .4 | .6 | .2 | | | | | | | | 2.5 | 3.3 |
| NE | 2.2 | .6 | .5 | .2 | | | | | | | | 3.7 | 4.5 |
| ENE | .4 | | .1 | | | | | | | | | .5 | 3.2 |
| E | 1.2 | .3 | .1 | | | | | | | | | 1.9 | 3.1 |
| ESE | .2 | .1 | | | | | | | | | | .3 | 3.7 |
| SE | 1.2 | .2 | .1 | | | | | | | | | 1.9 | 3.2 |
| SSE | 2.2 | .4 | .5 | .1 | | | | | | | | 3.4 | 4.4 |
| S | 1.1 | 5.7 | 5.1 | 1.6 | .1 | | | | | | | 22.2 | 5.5 |
| SSW | 1.2 | 1.2 | 1.4 | .6 | | | | | | | | 4.3 | 6.8 |
| SW | 2.4 | 1.3 | .9 | .1 | | | | | | | | 5.2 | 3.9 |
| WSW | 1.0 | .5 | .6 | .1 | | .1 | | | | | | 3.0 | 3.3 |
| W | 4.2 | 1.5 | 1.6 | .4 | | | | | | | | 7.7 | 4.7 |
| WNW | 2.2 | 1.1 | 1.9 | .3 | .2 | | | | | | | 5.6 | 6.1 |
| NW | 2.4 | 1.4 | 1.6 | .3 | | .1 | | | | | | 6.3 | 5.3 |
| NNW | .3 | 2.3 | 1.5 | .3 | .1 | | | | | | | 6.5 | 5.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.4 | |
| | 4.4 | 23.0 | 19.7 | 5.7 | .6 | .3 | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
 AFAC/USA
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 25206 PRINCE GEORGE 3 C OUT APT STATION NAME 07-66 YEARS MONTH 11-5
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.2 | 2.7 | 3.3 | .8 | .2 | | | | | | | 11.2 | 5.4 |
| NNE | 1.0 | .1 | .1 | .1 | | | | | | | | 1.3 | 4.3 |
| NE | 1.2 | | .1 | | | | | | | | | 1.6 | 2.3 |
| ENE | .3 | .1 | .1 | | | | | | | | | .5 | 3.6 |
| E | .2 | .1 | .1 | | | | | | | | | .4 | 4.5 |
| ESE | .4 | .1 | | | | | | | | | | .5 | 2.8 |
| SE | 1.2 | .3 | | | | | | | | | | 1.5 | 2.9 |
| SSE | 1.4 | 1.8 | .9 | .2 | | | | | | | | 4.8 | 4.7 |
| S | 17.7 | 6.9 | 5.6 | 1.5 | .3 | | | | | | | 32.0 | 4.5 |
| SSW | 2.6 | .6 | 1.1 | .8 | .1 | | | | | | | 5.4 | 5.8 |
| SW | 2.4 | .9 | .3 | | | | | | | | | 3.3 | 3.3 |
| WSW | .5 | .2 | .2 | .2 | | | | | | | | 1.7 | 3.3 |
| W | 3.2 | .9 | .9 | .2 | .1 | | | | | | | 5.6 | 4.1 |
| WNW | .0 | .4 | .9 | .2 | .1 | | | | | | | 2.9 | 7.5 |
| NW | 2.4 | .8 | .8 | .1 | | .1 | | | | | | 4.5 | 4.5 |
| NNW | 2.1 | .9 | 1.2 | .2 | .1 | | | | | | | 4.4 | 5.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 18.0 | |
| | 43.4 | 17.4 | 15.5 | 4.6 | 1.0 | .1 | | | | | | 100.0 | 3.9 |

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AG

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25276 STATION PRINCE GEORGE I C DUT APT STATION NAME 57-66 YEARS SEP MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.2 | 2.6 | 2.8 | 2.1 | .3 | | | | | | | 12.0 | 6.5 |
| NNE | 1.0 | .7 | | | .2 | .1 | | | | | | 2.1 | 6.5 |
| NE | 1.0 | .1 | .1 | | | | | | | | | 1.2 | 2.3 |
| ENE | .2 | | | | | | | | | | | .2 | 1.5 |
| E | .4 | | | | | | | | | | | .4 | 2.5 |
| ESE | .6 | | | | | | | | | | | .6 | 1.8 |
| SE | 2.4 | | | | | | | | | | | 2.3 | 1.9 |
| SSE | 2.4 | 2.0 | 1.3 | .3 | .1 | | | | | | | 7.2 | 5.0 |
| S | 10.9 | 9.3 | 7.0 | 3.0 | .6 | .3 | | | | | | 37.3 | 5.5 |
| SSW | 2.0 | .9 | .7 | .6 | .2 | | | | | | | 4.9 | 3.9 |
| SW | 3.0 | .8 | .9 | | | | | | | | | 4.7 | 3.8 |
| WSW | .7 | .2 | .4 | .1 | | | | | | | | 1.4 | 3.3 |
| W | 1.6 | .6 | .4 | .4 | .1 | | | | | | | 2.8 | 6.0 |
| WNW | .8 | .1 | .1 | .2 | .1 | | | | | | | 1.3 | 6.1 |
| NW | 2.0 | .6 | .3 | | .1 | | | | | | | 3.0 | 3.0 |
| NNW | 1.2 | .7 | 1.1 | .6 | .2 | | | | | | | 3.8 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.7 | |
| | 41.6 | 18.4 | 15.2 | 7.3 | 2.3 | .4 | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25200 STATION PRINCE GEORGE H C DUT APT 57-66 YEARS 512 MONTH
 CLASS ALL WEATHER 0300-0500 HOURS (L.S.T.)
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 5.2 | 2.7 | 2.6 | 2.3 | .1 | | | | | | | 12.9 | 5.2 |
| NNE | .1 | | .3 | | | | | | | | | 1.0 | 4.2 |
| NE | 1.4 | .1 | | | | | | | | | | 1.4 | 2.0 |
| ENE | .3 | | | | | | | | | | | .3 | 1.7 |
| E | .2 | | | | | | | | | | | .6 | 1.5 |
| ESE | .1 | .1 | | | | | | | | | | .2 | 4.0 |
| SE | 2.2 | .2 | .2 | | | | | | | | | 2.4 | 2.9 |
| SSE | 4.2 | 2.4 | 1.1 | .2 | .1 | .1 | | | | | | 3.3 | 4.7 |
| S | 17.2 | 9.1 | 5.9 | 4.4 | 1.0 | .2 | .1 | | | | | 38.0 | 5.8 |
| SSW | 2.3 | 1.1 | 1.4 | .4 | .2 | | | | | | | 5.2 | 3.9 |
| SW | 1.8 | .9 | .2 | .1 | | | | | | | | 3.0 | 3.5 |
| WSW | .3 | .3 | .1 | | | | | | | | | .8 | 4.4 |
| W | 1.4 | .8 | .2 | .1 | | | | | | | | 2.6 | 3.8 |
| WNW | .3 | .2 | .3 | .2 | .1 | | | | | | | 1.2 | 7.7 |
| NW | .2 | .3 | .3 | | | | | | | | | 2.2 | 3.4 |
| NNW | 1.2 | .2 | .9 | .4 | .2 | | | | | | | 3.0 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.8 | |
| | 40.1 | 18.4 | 13.7 | 8.3 | 1.8 | .3 | .1 | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR FATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25200 STATION PRINCE GEORGE AFB OUT APT 57-66 YEARS SEP MONTH
STATION NAME CLASS ALL WEATHER 0600-0800 HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.4 | 2.1 | 3.6 | 2.1 | .1 | .1 | | | | | | 11.9 | 6.3 |
| NNE | 1.1 | .4 | .1 | | .1 | | | | | | | 1.5 | 4.1 |
| NE | 1.1 | .1 | | | | | | | | | | 1.8 | 1.9 |
| ENE | .6 | | | | | | | | | | | .7 | 2.0 |
| E | 1.1 | | | | | | | | | | | 1.5 | 1.7 |
| ESE | .4 | | .1 | | | | | | | | | .6 | 3.6 |
| SE | 3.1 | .7 | | | | | | | | | | 3.8 | 2.7 |
| SSE | 5.1 | 3.1 | 2.8 | .3 | | | | | | | | 11.3 | 4.9 |
| S | 12.4 | 7.4 | 9.9 | 5.8 | 1.4 | .2 | .1 | | | | | 46.7 | 6.6 |
| SSW | 1.4 | 1.2 | 1.1 | .1 | .2 | | .1 | | | | | 4.7 | 6.3 |
| SW | 1.1 | .7 | .9 | | | | | | | | | 2.7 | 4.8 |
| WSW | .1 | .1 | .4 | .1 | | | | | | | | .8 | 7.3 |
| W | .1 | .4 | .3 | .1 | | | | | | | | 1.6 | 4.5 |
| WNW | .3 | | .3 | | | | | | | | | .7 | 4.7 |
| NW | .2 | .1 | .2 | | | | | | | | | 1.2 | 3.6 |
| NNW | .1 | .9 | .6 | .2 | .1 | | .1 | | | | | 2.6 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.9 | |
| | 38.4 | 17.3 | 20.3 | 8.8 | 2.0 | .3 | .3 | | | | | 100.0 | 2.1 |

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/US
AIR CENTER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 0212 PRINCE GEORGE I. C. INT. APT STATION NAME 57-66 YEARS SEP MONTH
CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.3 | 3.0 | 2.8 | 1.0 | .4 | .1 | | | | | | 12.0 | 6.7 |
| NNE | 1.4 | .4 | .3 | .3 | .2 | .1 | .1 | | | | | 3.0 | 7.1 |
| NE | 1.3 | .1 | .2 | .2 | .1 | | | | | | | 2.0 | 4.9 |
| ENE | .1 | | | | | .1 | | | | | | .5 | 5.6 |
| E | 1.2 | | | | | | | | | | | 1.5 | 1.8 |
| ESE | .1 | | .1 | | | | | | | | | .1 | 3.0 |
| SE | 1.7 | .4 | .7 | | | | | | | | | 2.8 | 4.2 |
| SSE | 1.7 | 1.9 | 3.0 | 1.3 | | | | | | | | 8.1 | 6.8 |
| S | 2.0 | 5.9 | 8.4 | 13.0 | 2.4 | .3 | | | | | | 35.7 | 9.0 |
| SSW | 1.1 | 1.2 | 2.0 | 2.3 | .1 | | | | | | | 6.8 | 3.7 |
| SW | 2.1 | 1.0 | .8 | .4 | | | | | | | | 4.2 | 5.0 |
| WSW | .0 | .2 | 1.1 | .3 | | | | | | | | 2.7 | 6.3 |
| W | 1.2 | 1.1 | 1.1 | .7 | .2 | | | | | | | 4.3 | 6.7 |
| WNW | .1 | .2 | .1 | .0 | | | | | | | | 1.9 | 6.2 |
| NW | .7 | .8 | .7 | .2 | | | | | | | | 2.6 | 5.5 |
| NNW | 1.4 | 1.1 | 1.3 | .3 | .1 | .1 | | | | | | 4.4 | 6.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.0 | |
| | 20.0 | 18.4 | 22.7 | 21.3 | 3.7 | .8 | .1 | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR EATER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME STATION GEORGE AFB TX YEARS 57-66 MONTH SEP
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
 CONDITION _____

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.2 | 3.2 | 4.9 | 1.3 | .3 | | .3 | | | | | 12.9 | 5.1 |
| NNE | 2.2 | 1.0 | .6 | .6 | | | | | | | | 4.4 | 5.1 |
| NE | 1.9 | .6 | .7 | .6 | .1 | .2 | | | | | | 4.2 | 6.3 |
| ENE | .4 | | .1 | .1 | | .1 | | | | | | .4 | 7.4 |
| E | .0 | | | .1 | | | | | | | | .3 | 7.3 |
| ESE | 1.0 | | | | | | | | | | | 1.0 | 2.1 |
| SE | .6 | .9 | .2 | .1 | | | | | | | | 1.8 | 4.6 |
| SSE | 1.9 | 1.7 | 2.6 | 1.2 | | | | | | | | 7.0 | 6.7 |
| S | 5.1 | 3.4 | 7.9 | 11.1 | 1.4 | .2 | .6 | | | | | 29.4 | 9.6 |
| SSW | 1.6 | 1.6 | 1.8 | 2.7 | .7 | .1 | | | | | | 7.7 | 9.5 |
| SW | .7 | .7 | 1.0 | .2 | .3 | | | | | | | 3.1 | 7.1 |
| WSW | 1.4 | 1.1 | 1.6 | .4 | .1 | | | | | | | 4.7 | 6.3 |
| W | .6 | 1.3 | 1.1 | 1.6 | .4 | | | | | | | 6.0 | 8.1 |
| WNW | .7 | .3 | .4 | 1.2 | .1 | | | | | | | 2.0 | 9.4 |
| NW | 1.0 | 1.6 | .8 | .6 | | .1 | | | | | | 4.0 | 6.2 |
| NNW | .7 | 1.0 | 1.4 | .9 | | | | | | | | 5.0 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.4 | |
| | 24.2 | 19.2 | 25.0 | 23.2 | 3.6 | .8 | .5 | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
STATION
AIR BASE

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 222 STATION NAME WILLIAM GEORGE W. DUT APT YEARS 57-66 MONTH SEP
CLASS ALL WEATHER
HOURS (LST) 1800-1700
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.3 | 4.4 | 5.3 | 2.2 | .7 | .1 | | | | | | 15.2 | 7.6 |
| NNE | 1.0 | 1.2 | .6 | .4 | .2 | | | | | | | 4.2 | 6.1 |
| NE | 1.1 | .3 | 1.0 | .2 | .1 | | | | | | | 2.9 | 7.2 |
| ENE | .1 | | .1 | .1 | | | | | | | | .5 | 4.4 |
| E | 1.1 | .1 | .1 | | | | | | | | | 1.3 | 2.9 |
| ESE | .4 | | | | | | | | | | | .4 | 2.3 |
| SE | 1.4 | .6 | .4 | | | | | | | | | 2.5 | 4.1 |
| SSE | 1.6 | 1.6 | 1.8 | .1 | | .1 | .1 | | | | | 5.1 | 6.6 |
| S | 2.6 | 3.4 | 4.6 | 7.1 | .8 | .4 | | | | | | 20.9 | 8.4 |
| SSW | 1.0 | 1.7 | 1.8 | 1.1 | .1 | | | | | | | 3.7 | 7.3 |
| SW | 1.6 | 1.1 | .4 | .2 | | | | | | | | 3.7 | 5.4 |
| WSW | 1.0 | 1.3 | .4 | .1 | | | | | | | | 3.3 | 5.1 |
| W | 1.6 | 1.4 | 1.6 | 1.3 | .2 | | | | | | | 5.8 | 7.7 |
| WNW | .7 | .4 | .0 | .7 | .4 | | | | | | | 1.4 | 3.5 |
| NW | 1.6 | .8 | 1.6 | .1 | | | | | | | | 3.7 | 5.8 |
| NNW | 1.4 | 2.0 | 2.8 | .6 | | .2 | | | | | | 7.2 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.9 | |
| | 24.1 | 22.8 | 29.4 | 16.6 | 2.4 | .3 | .1 | | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 900

2

DATE OF OBSERVATION
 TIME OF DAY
 LOCATION OF OBSERVATION

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 22 STATION NAME RESEARCH CENTER APT YEARS 57-66 MONTH 5

CLASS ALL HOURS (L.S.T.) 2100-2300

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.3 | 2.2 | 3.7 | 1.4 | .1 | .1 | | | | | | 13.2 | 6.1 |
| NNE | 1.7 | .3 | | | .1 | | | | | | | 2.1 | 3.3 |
| NE | 1.3 | .1 | .1 | .1 | .1 | .2 | | | | | | 2.1 | 6.1 |
| ENE | .1 | | | | | | | | | | | .6 | 1.5 |
| E | .2 | | | | | | | | | | | .6 | 1.8 |
| ESE | | .1 | | | | | | | | | | .1 | 4.0 |
| SE | 1.1 | .2 | .2 | | | | | | | | | 1.4 | 4.3 |
| SSE | 1.4 | 1.3 | .7 | .1 | | | | | | | | 3.2 | 3.8 |
| S | 10.0 | 8.3 | 6.1 | 2.3 | .1 | .3 | | | | | | 33.1 | 5.2 |
| SSW | 3.1 | 1.0 | .8 | .9 | .1 | | | | | | | 5.9 | 5.7 |
| SW | 1.7 | 1.0 | .8 | | | | | | | | | 5.2 | 3.9 |
| WSW | .1 | .1 | .4 | .1 | .1 | | | | | | | 2.0 | 3.3 |
| W | 1.2 | .0 | .9 | .1 | | | | | | | | 4.0 | 4.3 |
| WNW | .0 | .1 | .1 | | | | | | | | | 1.0 | 3.1 |
| NW | .3 | .2 | .7 | .1 | | | | | | | | 2.0 | 3.2 |
| NNW | 1.4 | 1.3 | 1.2 | .8 | | | | | | | | 4.6 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.1 | |
| | 4.4 | 14.1 | 15.9 | 6.4 | .7 | .7 | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS 300

2

AT. P. POST DIVISION
TAC. USA-
AIR. EAT. P. SERVICE TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME PSISOR DE BOM 11 JUL 1961 17-61 MONTH 01
CLASS ALL HOURS (L.S.T.) 0000-0200
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.7 | 3.1 | 2.5 | 1.3 | .6 | .1 | | | | | | 11.7 | 6.1 |
| NNE | 1.2 | .1 | | .1 | | | | | | | | 1.2 | 2.9 |
| NE | .2 | .2 | | .2 | | | | | | | | 1.2 | 4.5 |
| ENE | .2 | .1 | | | | | | | | | | .3 | 3.3 |
| E | .7 | .1 | .1 | | | | | | | | | 1.1 | 2.9 |
| ESE | .1 | .1 | | | | | | | | | | .2 | 3.5 |
| SE | .5 | .2 | | | .1 | | | | | | | 2.3 | 3.6 |
| SSE | 2.7 | 2.5 | 1.2 | .4 | .4 | .4 | | | | | | 3.7 | 4.9 |
| S | 11.1 | 6.9 | 8.8 | 11.5 | 4.9 | 1.3 | .5 | .3 | | | | 43.4 | 8.6 |
| SSW | 1.2 | 1.4 | 2.6 | 1.2 | .6 | | | | | | | 6.5 | 4.3 |
| SW | .4 | .1 | .6 | .3 | | | | | | | | 2.5 | 3.3 |
| WSW | .2 | | .3 | .1 | | | | | | | | .6 | 6.2 |
| W | 1.1 | .2 | .3 | .1 | | | | | | | | 1.6 | 4.7 |
| WNW | .4 | .1 | .3 | | | | | | | | | .9 | 4.5 |
| NW | .2 | | .1 | .1 | | | | | | | | .8 | 5.1 |
| NNW | 1.2 | 1.3 | 1.5 | .1 | | | | | | | | 4.1 | 5.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.7 | |
| | 24.1 | 17.1 | 17.8 | 15.9 | 6.2 | 1.4 | .5 | .3 | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 940

2

DATA PROCESSING DIVISION
TAC/USN
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 22200 PRINCE GEORGE N.C. MILITARY APT STATION NAME 57-00 YEARS CT MONTH 01
CLASS ALL WEATHER HOURS (L.S.T.) 2200-0500

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 0.2 | 3.1 | 2.4 | 1.5 | .2 | | | | | | | 13.4 | 5.4 |
| NNE | 1.4 | .4 | .2 | | | | | | | | | 2.0 | 3.1 |
| NE | .2 | .1 | | | .2 | | | | | | | 1.0 | 4.1 |
| ENE | .2 | | | | | | | | | | | .2 | 1.0 |
| E | .3 | .1 | | | | | | | | | | .1 | 2.3 |
| ESE | .1 | .1 | | | | | | | | | | .2 | 2.3 |
| SE | .1 | .4 | | .1 | | | | | | | | 2.3 | 3.0 |
| SSE | 2.4 | 2.2 | 1.7 | .0 | .4 | .2 | | | | | | 8.8 | 7.2 |
| S | 10.3 | 8.0 | 6.8 | 9.0 | 5.1 | 1.8 | .3 | .1 | | | | 43.7 | 9.4 |
| SSW | .2 | 1.2 | 1.4 | 1.4 | .4 | .1 | | | | | | 4.6 | 9.9 |
| SW | .2 | .4 | .5 | | | | | | | | | 2.3 | 4.0 |
| WSW | .2 | .2 | .1 | .3 | .1 | | | | | | | 1.1 | 3.2 |
| W | .1 | .4 | .3 | .4 | | | | | | | | 2.5 | 5.8 |
| WNW | .4 | .3 | | .2 | | | | | | | | 1.0 | 5.4 |
| NW | .2 | .2 | .1 | | | | | | | | | 1.0 | 3.0 |
| NNW | .1 | .2 | 1.1 | .5 | | | | | | | | 2.2 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.0 | |
| | 30.6 | 17.7 | 16.9 | 14.4 | 8.2 | 2.5 | .3 | .1 | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
 AFAC/USG
 AIR EATER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22200 STATION PRINCE GEORGE AIR APT 07-00 01 MONTH 0600-0800
 CLASS HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 0.4 | 2.0 | 2.4 | 1.0 | .3 | | | | | | | 12.1 | 2.5 |
| NNE | .0 | .2 | .2 | .1 | | | | | | | | 1.3 | 4.3 |
| NE | 1.2 | .3 | | .1 | | | | | | | | 1.6 | 3.2 |
| ENE | .1 | | | .1 | | | | | | | | .2 | 6.2 |
| E | .1 | .1 | | | | | | | | | | 1.1 | 2.4 |
| ESE | .1 | | | | | | | | | | | .1 | 1.0 |
| SE | .1 | .6 | .2 | | | | | | | | | 2.0 | 3.3 |
| SSE | 3.3 | 2.0 | 1.9 | .8 | .4 | .3 | | .1 | | | | 9.5 | 7.0 |
| S | 8.0 | 8.7 | 8.5 | 11.1 | 4.9 | 1.6 | .2 | | | | | 43.9 | 9.7 |
| SSW | 1.1 | .2 | 1.0 | 1.8 | .9 | .1 | | | | | | 5.1 | 11.0 |
| SW | 1.1 | .4 | .3 | .3 | .1 | | | | | | | 2.3 | 6.1 |
| WSW | .4 | .1 | .2 | .3 | | | | | | | | 1.5 | 3.1 |
| W | .0 | .2 | .4 | | | | | | | | | 1.4 | 3.9 |
| WNW | .2 | | .1 | | | | | | | | | .3 | 4.3 |
| NW | .2 | .1 | .5 | | | | | | | | | 1.2 | 5.4 |
| NNW | 1.7 | .4 | 1.0 | .4 | .2 | | | | | | | 3.7 | 6.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.4 | |
| | 29.6 | 10.7 | 10.8 | 10.7 | 6.9 | 2.0 | .2 | .1 | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
 AFAG/USA
 AIR LIAISON OFFICE/AFAG

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25200 STATION PRINCE GEORGE R.C. CNT APT 57-60 CT MONTH
 ALL-FAIRER CLASS 0900-1100 HOURS (L.S.T.)
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.4 | 2.0 | 2.4 | 1.9 | .4 | .1 | .1 | | | | | 11.4 | 7.1 |
| NNE | 2.2 | .9 | .5 | .4 | .3 | .1 | | | | | | 4.4 | 6.2 |
| NE | 1.4 | .2 | | | .1 | .1 | | | | | | 1.7 | 4.9 |
| ENE | .6 | | | | | | | | | | | .2 | 2.0 |
| E | 1.1 | | | | | | | | | | | 1.0 | 2.0 |
| ESE | .3 | .2 | | | | | | | | | | .5 | 2.0 |
| SE | 1.1 | .9 | .1 | .1 | | | | | | | | 2.7 | 4.3 |
| SSE | 1.1 | 2.0 | 3.0 | 1.0 | .3 | .2 | | .1 | | | | 7.7 | 8.7 |
| S | 4.4 | 4.0 | 11.2 | 16.0 | 6.3 | 2.8 | .3 | | | | | 49.6 | 11.7 |
| SSW | .6 | .6 | 1.7 | 2.7 | .3 | .3 | | | | | | 6.0 | 11.2 |
| SW | 1.1 | .6 | .2 | .2 | .3 | | | | | | | 2.7 | 5.9 |
| WSW | .6 | .1 | .5 | .3 | | | | | | | | 1.7 | 6.6 |
| W | 1.1 | .3 | 1.0 | 1.0 | .1 | | | | | | | 4.0 | 9.0 |
| WNW | .4 | .1 | .5 | .5 | .6 | | | | | | | 1.9 | 9.1 |
| NW | .2 | .3 | .3 | | | | | | | | | 1.2 | 4.7 |
| NNW | .5 | .4 | .8 | .2 | | | | | | | | 2.3 | 5.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.1 | |
| | 21.1 | 13.8 | 22.3 | 25.1 | 8.5 | 3.9 | .4 | .1 | | | | 100.0 | 9.1 |

TOTAL NUMBER OF OBSERVATIONS 230

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR CENTER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25226 STATION NAME PRIME GEORGE F. D. BRY APT 57-66 YEARS MONTH 01
CLASS ALL-ALL-ALL
CONDITION

1200-1400
HOURS (L.S.T.)

| SPEED (KNTS) D.R. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.2 | 2.7 | 3.8 | 1.6 | .1 | .2 | .1 | | | | | 11.5 | 7.2 |
| NNE | 1.1 | .8 | 1.0 | .6 | .2 | .1 | | | | | | 1.8 | 7.7 |
| NE | 1.4 | .2 | .3 | .2 | .2 | | | | | | | 3.2 | 6.3 |
| ENE | .7 | .2 | | | | | | | | | | 1.1 | 2.3 |
| E | .2 | .4 | | | | | | | | | | 1.0 | 3.4 |
| ESE | | .2 | | | | | | | | | | .2 | 5.0 |
| SE | 1.3 | .4 | .5 | | | | | | | | | 2.3 | 4.2 |
| SSE | 1.7 | 1.4 | 1.8 | 2.0 | .3 | .4 | | | | | | 8.2 | 9.2 |
| S | 2.4 | 2.7 | 4.5 | 14.9 | 4.8 | 2.5 | .4 | | | | | 37.2 | 12.5 |
| SSW | 1.1 | 1.3 | 2.0 | 3.9 | 1.3 | .5 | | | | | | 10.1 | 11.5 |
| SW | .2 | .9 | 1.4 | 1.1 | .1 | | | | | | | 4.0 | 8.4 |
| WSW | .0 | .3 | 1.1 | .3 | | | | | | | | 2.5 | 5.7 |
| W | 1.0 | .9 | 1.5 | 1.5 | .4 | .1 | | | | | | 3.4 | 3.3 |
| WNW | .4 | | 1.1 | .6 | .1 | | | | | | | 2.2 | 9.4 |
| NW | .2 | .5 | .8 | .2 | | | | | | | | 2.0 | 6.2 |
| NNW | .0 | 1.3 | .6 | .4 | | | | | | | | 3.1 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.2 | |
| | 18.0 | 14.2 | 22.6 | 27.7 | 8.2 | 3.9 | .5 | | | | | 100.0 | 9.4 |

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 FTANALGAP
 AIR CENTER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25200 STATION PRINCE GEORGE D C BPT 57-66 YEARS CT
 ALL WEATHER CLASS 1500-1700
 HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.4 | 3.4 | 3.7 | 1.3 | .3 | .3 | .1 | | | | | 13.1 | 7.0 |
| NNE | 1.1 | .5 | 1.2 | .4 | .4 | .2 | | | | | | 3.8 | 8.9 |
| NE | 1.3 | .8 | .2 | .4 | .1 | | | | | | | 2.8 | 5.0 |
| ENE | .5 | .1 | | | | | | | | | | .6 | 2.7 |
| E | 1.2 | .1 | | | | | | | | | | 1.5 | 2.5 |
| ESE | .1 | .1 | .1 | .1 | | | | | | | | .4 | 0.0 |
| SE | 1.1 | .2 | .3 | .1 | | | | | | | | 2.0 | 4.6 |
| SSE | 1.2 | 1.5 | 2.0 | 1.1 | .9 | .5 | .2 | | | | | 7.5 | 9.8 |
| S | 3.0 | 5.3 | 10.1 | 10.0 | 4.0 | 1.2 | .3 | .1 | | | | 34.6 | 11.1 |
| SSW | .4 | 2.7 | 2.5 | 1.3 | .6 | .1 | | | | | | 8.0 | 8.4 |
| SW | 1.3 | 1.4 | 1.0 | .8 | | .4 | | | | | | 4.8 | 8.0 |
| WSW | .4 | 1.1 | 1.3 | .3 | | | | | | | | 3.1 | 6.8 |
| W | 1.7 | .8 | 1.4 | 1.2 | .1 | .1 | | | | | | 5.5 | 7.3 |
| WNW | .9 | .5 | .3 | .2 | | | | | | | | 1.9 | 5.4 |
| NW | 1.0 | .9 | .3 | .4 | | | | | | | | 2.6 | 5.4 |
| NNW | .7 | 1.1 | .6 | .1 | | | | | | | | 3.5 | 4.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.0 | |
| | 2.4 | 20.6 | 22.1 | 18.0 | 6.8 | 2.9 | .6 | .1 | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 FTSC/USA
 AIR WEATHER SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

202-2 STATION PRINCE GEORGE S.C. OUT APT 57-66 01
 STATION NAME YEARS MONTH
 ALL PLATINUM CLASS 1800-2000 HOURS (L.S.T.)
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 5.3 | 3.7 | 4.1 | 1.1 | .2 | .3 | | | | | | 14.9 | 6.3 |
| NNE | .4 | .4 | .2 | .3 | | .1 | | | | | | 1.9 | 5.7 |
| NE | 1.2 | | .1 | .2 | | | | | | | | 1.5 | 4.4 |
| ENE | .2 | | | .1 | | | | | | | | .6 | 4.2 |
| E | .2 | | .1 | | | | | | | | | .3 | 3.7 |
| ESE | .2 | | | | | | | | | | | .2 | 2.0 |
| SE | 1.0 | .2 | .1 | | | | | | | | | .2 | 2.7 |
| SSE | 1.2 | 1.1 | 1.7 | 1.4 | .4 | .2 | | | | | | 6.3 | 8.6 |
| S | 8.0 | 7.4 | 8.1 | 9.5 | 2.9 | .9 | .2 | | | | | 36.9 | 9.0 |
| SSW | 1.2 | 1.4 | 1.8 | 1.1 | .9 | .1 | | | | | | 6.1 | 9.7 |
| SW | 1.1 | .9 | 1.0 | .2 | | | | | | | | 3.8 | 4.7 |
| WSW | .4 | .3 | .6 | .2 | | | | | | | | 2.3 | 3.7 |
| W | 2.4 | .2 | .4 | .4 | | .2 | | | | | | 3.7 | 3.7 |
| WNW | 1.7 | .2 | .5 | | .2 | | .1 | | | | | 3.1 | 3.4 |
| NW | 1.2 | .2 | .1 | | | .1 | | | | | | 2.3 | 4.2 |
| NNW | 1.3 | .4 | 1.1 | .1 | .1 | | | | | | | 3.3 | 2.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.5 | |
| | 30.2 | 17.6 | 20.0 | 14.6 | 4.7 | 1.9 | .3 | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 HIAF/USAF
 AIR FORCE ENGINEERING

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25225 STATION PRINCE GEORGE S C OUT APT 57-26 67 NORTH
 CLASS ALL WEATHER 2100-2300
 HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 5.2 | 2.5 | 3.5 | 1.2 | .1 | .3 | | | | | | 12.8 | 6.0 |
| NNE | 1.1 | | .1 | .3 | | | | | | | | 1.4 | 5.6 |
| NE | .8 | .1 | .2 | .1 | | | | | | | | 1.2 | 4.7 |
| ENE | .4 | | .2 | | | | | | | | | .6 | 3.8 |
| E | .2 | | | | | | | | | | | .5 | 1.2 |
| ESE | .4 | | | | | | | | | | | .4 | 1.8 |
| SE | .4 | .4 | .2 | | | | | | | | | 1.1 | 4.3 |
| SSE | 2.4 | 2.3 | 1.5 | .8 | .9 | .5 | .1 | | | | | 8.4 | 8.5 |
| S | 9.0 | 7.3 | 9.7 | 10.3 | 3.5 | 1.3 | .2 | | | | | 41.4 | 9.3 |
| SSW | 1.3 | 1.0 | 1.2 | .9 | .9 | .1 | | | | | | 5.1 | 8.7 |
| SW | 1.7 | .8 | .4 | | | | | | | | | 2.9 | 3.6 |
| WSW | .3 | .1 | .1 | .1 | | | | | | | | .6 | 5.3 |
| W | 1.7 | .4 | .2 | .1 | .1 | | | | | | | 2.6 | 4.5 |
| WNW | .2 | | | .1 | .1 | | | | | | | .8 | 6.7 |
| NW | 1.0 | .1 | .1 | | | | | | | | | 1.2 | 2.8 |
| NNW | 1.0 | 1.5 | 1.5 | .4 | .1 | | | | | | | 4.5 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.5 | |
| | 27.0 | 16.5 | 19.0 | 14.3 | 5.5 | 2.3 | .3 | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 0521 PRINCE GEORGE H.C. OUT APT 57-06 1000-0200
 STATION NAME CLASS MONTH
ALL WEATHER
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 0.0 | 5.1 | 4.8 | 2.4 | .1 | | | | | | | 19.3 | 6.1 |
| NNE | 1.0 | .0 | .2 | .1 | | | | | | | | 2.4 | 4.0 |
| NE | 1.0 | .1 | | | | | | | | | | 1.3 | 2.3 |
| ENE | .0 | | | | | | | | | | | .6 | 2.4 |
| E | 1.3 | .1 | | | | | | | | | | 1.4 | 2.2 |
| ESE | .1 | .1 | | | | | | | | | | .2 | 4.0 |
| SE | 2.0 | .3 | | | | | | | | | | 2.3 | 2.4 |
| SSE | 2.0 | 1.0 | 2.3 | .4 | .3 | .1 | .6 | | | | | 7.0 | 7.7 |
| S | 7.2 | 6.0 | 9.3 | 7.8 | 3.0 | 1.6 | .4 | .1 | | | | 36.1 | 9.5 |
| SSW | 1.1 | .8 | .8 | 1.2 | .0 | .1 | | | | | | 4.6 | 3.6 |
| SW | 1.1 | .3 | .4 | .1 | .1 | | | | | | | 2.1 | 4.9 |
| WSW | .0 | .1 | .3 | .1 | .1 | | | | | | | 1.1 | 6.0 |
| W | 1.6 | | .7 | .6 | | | | | | | | 2.1 | 5.5 |
| WNW | .7 | .3 | .1 | | | .1 | | | | | | 1.2 | 2.3 |
| NW | .0 | .4 | .1 | .1 | | | | | | | | 2.2 | 3.5 |
| NNW | .1 | 1.3 | 2.2 | 1.0 | .3 | | | | | | | 6.4 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.4 | |
| | 30.1 | 17.8 | 21.3 | 13.6 | 4.0 | 1.9 | .7 | .1 | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 11/20/57
 AIR FATHER DESIGN/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 212 STATION NAME BLINCE GEORGE A.C. COIT APT YEARS 57-66 MONTH NORTH
 CLASS ALL SEAFARER HOURS (L.S.T.) 9490-0500

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.4 | 3.0 | 4.0 | 2.4 | .4 | .1 | | | | | | 10.2 | 6.6 |
| NNE | 1.0 | .7 | | .1 | | | | | | | | 2.3 | 3.3 |
| NE | 1.0 | | | | | | | | | | | 1.0 | 2.0 |
| ENE | .1 | .4 | | | | | | | | | | 1.1 | 3.4 |
| E | 1.1 | .1 | | | | | | | | | | 1.2 | 2.1 |
| ESE | .3 | | | | | | | | | | | .3 | 1.7 |
| SE | 1.4 | .4 | .1 | | | | | | | | | 2.0 | 2.9 |
| SSE | 2.4 | 1.0 | 1.2 | .2 | .3 | | .3 | .1 | | | | 6.2 | 7.7 |
| S | 4.0 | 6.4 | 10.6 | 7.9 | 2.4 | 2.0 | .1 | | | | | 37.2 | 8.9 |
| SSW | .4 | .6 | 1.2 | 1.0 | .4 | .3 | | | | | | 4.3 | 9.9 |
| SW | .2 | .4 | .6 | | | | | | | | | 1.2 | 6.2 |
| WSW | .2 | | .1 | .2 | .1 | | | | | | | .8 | 10.3 |
| W | .4 | .3 | .6 | .6 | | | | | | | | 2.3 | 6.3 |
| WNW | .2 | .3 | .2 | .1 | | | | | | | | 1.0 | 3.6 |
| NW | 1.0 | .4 | .3 | .1 | | | | | | | | 2.7 | 3.8 |
| NNW | 1.0 | 1.9 | 1.0 | 1.9 | | | | | | | | 6.9 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.3 | |
| | 30.3 | 17.4 | 20.4 | 14.7 | 3.8 | 2.4 | .4 | .1 | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
 WASHINGTON
 AIR FORCE SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 42200 PRINCE GEORGE C BUI APT STATION NAME 57-06 YEARS MONTH 10
 CLASS ALL WEATHER 3600-0800
 HOURS (L.S.T.)
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 0.3 | 4.3 | 4.4 | 2.0 | .0 | | | | | | | 17.7 | 6.5 |
| NNE | 1.0 | .3 | | | .1 | | | | | | | 2.0 | 3.5 |
| NE | 2.3 | .1 | .2 | | | | | | | | | 2.7 | 2.3 |
| ENE | .4 | | .1 | | | | | | | | | .6 | 3.6 |
| E | 1.0 | | | | | | | | | | | 1.0 | 2.2 |
| ESE | .1 | | | | | | | | | | | .1 | 2.5 |
| SE | 1.1 | .6 | .3 | | | | | | | | | 2.0 | 3.4 |
| SSE | 3.1 | 2.4 | 1.9 | .3 | .3 | .1 | .1 | | | | | 5.3 | 6.1 |
| S | 0.4 | 0.1 | 10.7 | 9.1 | 2.7 | 1.3 | .2 | .2 | | | | 39.8 | 9.2 |
| SSW | .0 | .3 | .6 | 1.2 | .3 | .1 | | | | | | 3.1 | 10.0 |
| SW | .1 | .6 | .2 | .1 | | | | | | | | 1.2 | 4.5 |
| WSW | .2 | | .2 | | | | | | | | | .6 | 4.0 |
| W | .4 | .6 | .1 | .3 | | | | | | | | 2.4 | 4.5 |
| WNW | .2 | .7 | .3 | | | | | | | | | 1.3 | 4.9 |
| NW | .0 | .7 | .3 | .3 | | | | | | | | 2.3 | 3.4 |
| NNW | .3 | .0 | 1.0 | 2.0 | | | | | | | | 4.9 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.7 | |
| | 31.6 | 16.0 | 20.4 | 15.7 | 4.0 | 1.6 | .3 | .2 | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 3600

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 11-11-2010 BY 60322 UCBAW

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME WILLIAMSBURG AIRPORT YEARS 197-00 MONTH 10-10
CLASS ALL SEAS HOURS (LST) 00-10
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | 3.0 | 4.4 | 2.3 | .3 | | | | | | | 10.2 | 0.7 |
| NNE | .2 | 1.6 | .1 | .2 | | | | | | | | 2.5 | 4.2 |
| NE | .4 | .2 | | | .1 | | | | | | | 1.2 | 3.4 |
| ENE | .3 | | | | | | | | | | | .4 | 1.6 |
| E | .2 | | | | | | | | | | | 1.3 | 1.8 |
| ESE | .2 | .2 | | | | | | | | | | .4 | 3.5 |
| SE | .0 | .6 | .3 | | | | | | | | | 2.4 | 3.6 |
| SSE | 2.4 | 2.1 | 2.9 | .6 | .2 | .6 | .1 | | | | | 7.1 | 7.7 |
| S | 10.4 | 5.1 | 12.9 | 11.9 | 2.9 | 4.1 | .4 | .1 | | | | 41.7 | 12.3 |
| SSW | .0 | .6 | .7 | 1.1 | .4 | .1 | | | | | | 3.4 | 10.4 |
| SW | .7 | 1.1 | .1 | .2 | | | | | | | | 2.1 | 5.1 |
| WSW | .6 | | .1 | .4 | | | | | | | | .4 | 6.7 |
| W | .1 | .4 | .3 | .3 | | | | | | | | 1.9 | 3.6 |
| WNW | .1 | .3 | .7 | | .1 | | | | | | | 2.0 | 5.7 |
| NW | 2.2 | .4 | .3 | | | | | | | | | 2.9 | 4.1 |
| NNW | 1.1 | 1.2 | 1.0 | 1.1 | .1 | | | | | | | 5.1 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.6 | |
| | 24.4 | 16.1 | 23.7 | 12.2 | 4.2 | 3.0 | .6 | .1 | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 900

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 100-100 STATION NAME ALL-100 YEARS 51-61 MONTH 100-100
CLASS ALL-100 HOURS (L.S.T.) 100-100
CONDITION ALL-100

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|---|-----------------------|
| N | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS 100

2

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/PAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 25275 PRINCE GEORGE I C DUT APT YEARS 57-59 MONTH 11
CLASS ALL WEATHER 1500-1700
HOURS (LST)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.0 | 5.7 | 4.7 | 3.2 | .1 | | | | | | | 19.8 | 5.8 |
| NNE | 2.0 | .3 | .7 | .2 | | .2 | | | | | | 3.2 | 5.7 |
| NE | 1.0 | .6 | .1 | | .1 | | | | | | | 1.8 | 4.7 |
| ENE | .3 | .2 | | | | | | | | | | .6 | 3.4 |
| E | .4 | .3 | | | | | | | | | | 1.8 | 2.8 |
| ESE | .0 | | | | | | | | | | | .6 | 2.0 |
| SE | .4 | .4 | .3 | | | | | | | | | 2.7 | 2.9 |
| SSE | .0 | .4 | .8 | .1 | .6 | .2 | | | | | | 2.6 | 7.0 |
| S | 6.0 | 2.8 | 11.3 | 7.2 | 2.3 | .7 | | | | | | 33.9 | 8.7 |
| SSW | 1.0 | .6 | 1.2 | .8 | .1 | | | | | | | 4.2 | 7.3 |
| SW | .1 | .2 | 1.1 | .2 | .1 | .1 | | | | | | 3.5 | 7.0 |
| WSW | .2 | .2 | .3 | | .1 | | | | | | | 1.0 | 6.7 |
| W | .1 | 1.0 | .7 | .7 | .2 | | .1 | | | | | 3.8 | 7.9 |
| WNW | .2 | .4 | .3 | .4 | | | | | | | | 2.3 | 6.3 |
| NW | 1.2 | .3 | .1 | .3 | | .1 | | | | | | 2.2 | 3.6 |
| NNW | 1.0 | 1.4 | 1.1 | .7 | .2 | | | | | | | 5.0 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.0 | |
| | 30.0 | 19.7 | 23.8 | 15.0 | 9.1 | 1.3 | .1 | | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 FTAC/USA-
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 2220 PRINCE GEORGE I C MHT APT STATION NAME 57-66 YEARS MONTH 1000-2000 HOURS (LST)

ALL WEATHER
 CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 7.4 | 4.7 | 4.2 | 3.3 | 1.1 | | | | | | | 20.2 | 6.5 |
| NNE | 2.4 | 1.0 | .1 | .1 | | | | | | | | 3.7 | 4.1 |
| NE | 2.4 | | | | | | | | | | | 2.4 | 2.4 |
| ENE | .1 | .1 | | | | | | | | | | .1 | 1.9 |
| E | 1.1 | .1 | | | | | | | | | | 1.2 | 2.4 |
| ESE | .4 | .1 | | | | | | | | | | .3 | 3.0 |
| SE | 1.0 | .7 | .3 | .2 | .1 | | | | | | | 2.0 | 5.2 |
| SSE | 3.4 | 1.2 | .8 | .0 | .2 | .3 | | | | | | 6.4 | 6.2 |
| S | 3.7 | 5.9 | 7.6 | 7.1 | 3.2 | 1.4 | .2 | | | | | 31.1 | 7.7 |
| SSW | 1.0 | .5 | 1.4 | .3 | .1 | | | | | | | 4.2 | 6.1 |
| SW | 1.0 | .1 | .7 | .3 | | | | | | | | 3.2 | 4.1 |
| WSW | .4 | .4 | .2 | .3 | .1 | | | | | | | 1.6 | 5.2 |
| W | 1.3 | .1 | .3 | | .1 | | | | | | | 1.9 | 3.9 |
| WNW | .0 | .1 | .2 | | | | | | | | | .9 | 4.1 |
| NW | 2.1 | 1.2 | .4 | .1 | | | | | | | | 3.8 | 4.1 |
| NNW | 1.0 | 1.9 | 1.7 | 1.1 | .2 | | | | | | | 6.7 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.0 | |
| | 34.1 | 19.0 | 18.0 | 13.8 | 2.4 | 1.8 | .2 | | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
STAG/OSA
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

252.0 STATION PRINCE GEORGE S.C. WPT APT 57-60 YEARS MONTH
CLASS ALL WEATHER 2100-2300
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 6.0 | 2.8 | 4.4 | 2.7 | .0 | | | | | | | 20.2 | 6.3 |
| NNE | 1.7 | .0 | .3 | | .1 | | | | | | | 2.4 | 4.2 |
| NE | 2.1 | | .1 | | | | | | | | | 2.2 | 2.2 |
| ENE | .1 | | .1 | | | | | | | | | .2 | 5.0 |
| E | .7 | .1 | | | | | | | | | | 1.0 | 2.3 |
| ESE | .2 | | | | | | | | | | | .2 | 2.5 |
| SE | 1.0 | .7 | .2 | | | | | | | | | 2.4 | 3.7 |
| SSE | 2.1 | 2.0 | 1.2 | .3 | .2 | .4 | | | | | | 6.3 | 7.0 |
| S | 7.7 | 6.6 | 8.9 | 6.9 | 3.1 | 1.7 | .7 | .1 | | | | 35.8 | 9.5 |
| SSW | 1.1 | .4 | .9 | .3 | .2 | | | | | | | 2.9 | 7.6 |
| SW | 1.1 | .2 | .4 | .2 | .1 | | | | | | | 2.0 | 5.9 |
| WSW | .4 | .1 | .3 | | | | | | | | | 1.1 | 4.5 |
| W | 1.2 | .4 | .3 | .1 | | | | | | | | 2.2 | 4.1 |
| WNW | 1.1 | .2 | .1 | .2 | | | | | | | | 1.6 | 4.5 |
| NW | 1.7 | .2 | .1 | .2 | | | | | | | | 2.4 | 3.5 |
| NNW | 2.2 | 1.9 | 2.0 | 1.6 | | | | | | | | 7.9 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.4 | |
| | 32.6 | 19.4 | 19.6 | 13.0 | 4.3 | 2.1 | .7 | .1 | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR EATER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 252-6 STATION NAME PRINCE GEORGE A.C. DUT APT YEARS 57-66 FC MONTH
CLASS ALL WEATHER 0000-0700
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.1 | 2.6 | 4.7 | 2.6 | 1.0 | | | | | | | 23.2 | 4.2 |
| NNE | 1.4 | .5 | | | | | | | | | | 1.7 | 3.1 |
| NE | 1.2 | .1 | | | | | | | | | | 1.3 | 2.5 |
| ENE | .6 | | | .1 | | | | | | | | .8 | 4.1 |
| E | .5 | .2 | | | | | | | | | | .7 | 2.9 |
| ESE | .4 | | | | | | | | | | | .4 | 2.0 |
| SE | 1.6 | .4 | .2 | | | | | | | | | 2.3 | 3.1 |
| SSE | 2.4 | 2.3 | 1.3 | .5 | .1 | .1 | | | | | | 7.1 | 6.1 |
| S | 7.1 | 6.9 | 6.2 | 8.3 | 4.1 | 1.9 | .4 | | | | | 39.1 | 9.5 |
| SSW | 1.1 | 1.0 | .9 | .9 | .3 | | | | | | | 4.1 | 7.4 |
| SW | 1.1 | .4 | .2 | .1 | | | | | | | | 1.8 | 4.0 |
| WSW | .1 | .1 | .2 | | | | | | | | | .4 | 5.8 |
| W | .2 | .2 | .3 | .2 | | | | | | | | 1.3 | 5.7 |
| WNW | .3 | .2 | | .1 | | | | | | | | .6 | 5.8 |
| NW | 1.1 | .3 | .6 | .1 | | | | | | | | 2.0 | 4.7 |
| NNW | 1.0 | 1.2 | 1.3 | 1.6 | | | | | | | | 5.7 | 7.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.0 | |
| | 34.4 | 12.7 | 18.0 | 15.2 | 2.3 | 2.0 | .4 | | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/AFAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

232.0
STATIONPRINCE GEORGE F.C. OUT APT
STATION NAME57-66
YEARSJFC
MONTHALL WEATHER
CLASS0300-0500
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 8.5 | 6.5 | 5.8 | 3.3 | .8 | .2 | | | | | | 25.1 | 6.6 |
| NNE | 1.2 | .1 | .1 | | | | | | | | | 1.2 | 3.1 |
| NE | 1.2 | | | | | | | | | | | 1.0 | 2.3 |
| ENE | .2 | .1 | | | | | | | | | | .4 | 3.3 |
| E | .3 | .1 | | .1 | | | | | | | | 1.0 | 3.6 |
| ESE | .2 | | .1 | | | | | | | | | .2 | 3.7 |
| SE | 2.0 | .8 | .2 | | | | | | | | | 3.5 | 3.1 |
| SSE | 2.2 | 2.0 | 1.8 | .3 | .1 | .1 | | | | | | 7.6 | 5.8 |
| S | 8.5 | 6.5 | 8.8 | 9.4 | 2.5 | 2.3 | .2 | | | | | 39.2 | 9.7 |
| SSW | .2 | .2 | .9 | .9 | .1 | | | | | | | 2.6 | 9.5 |
| SW | 1.2 | | .1 | | | | | | | | | 1.4 | 2.8 |
| WSW | | .2 | .5 | .1 | | .1 | | | | | | 1.0 | 9.8 |
| W | 1.1 | .4 | .4 | .4 | | | | | | | | 2.4 | 5.4 |
| WNW | .2 | | .2 | | | | | | | | | .4 | 3.5 |
| NW | 1.1 | | .3 | | | | | | | | | 1.4 | 3.6 |
| NNW | 1.2 | 1.0 | 1.7 | .3 | .1 | | | | | | | 4.4 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.1 | |
| | 30.4 | 18.7 | 21.1 | 14.8 | 4.9 | 2.7 | .3 | | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAG/USAF
AIR EATER SERVICE/1AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25266 PRINCE GEORGE A C FLY APT 27-66 16
STATION STATION NAME YEARS MONTH
ALL STATES CLASS 0400-0800
HOURS (LST)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 7.3 | 8.4 | 2.3 | 3.9 | .3 | .3 | | | | | | 26.2 | 6.5 |
| NNE | .4 | .4 | .1 | | | | | | | | | 1.0 | 4.0 |
| NE | 1.4 | .1 | | | | | | | | | | 1.5 | 2.2 |
| ENE | .1 | | | | | | | | | | | .1 | 3.0 |
| E | 1.0 | .3 | .2 | | | | | | | | | 2.2 | 3.0 |
| ESE | .2 | .1 | | | | | | | | | | .6 | 2.5 |
| SE | 1.2 | 1.2 | .3 | | | | | | | | | 2.8 | 3.8 |
| SSE | 2.7 | 2.2 | 1.9 | .3 | .1 | | | | | | | 7.4 | 5.3 |
| S | 7.8 | 4.8 | 8.4 | 9.4 | 3.3 | 1.9 | .3 | | | | | 36.0 | 9.8 |
| SSW | 1.1 | .3 | 1.2 | 1.4 | .3 | | | | | | | 4.7 | 9.2 |
| SW | .7 | .2 | | | | | | | | | | 1.1 | 2.3 |
| WSW | .3 | | .2 | .1 | | | | | | | | .6 | 6.8 |
| W | 1.1 | .1 | .2 | .2 | | | | | | | | 1.6 | 4.4 |
| WNW | .2 | | | .1 | | | | | | | | .6 | 4.7 |
| NW | 1.4 | .1 | .2 | | | | | | | | | 1.7 | 2.9 |
| NNW | .5 | 1.2 | 1.8 | .8 | .2 | | | | | | | 4.8 | 7.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.1 | |
| | 24.2 | 20.2 | 19.9 | 16.1 | 4.6 | 2.3 | .3 | | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR EATER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

252 0 STATION PRINCE GEORGE S C DOT APT 57-66
 STATION NAME CLASS MONTH
 ALL - AT 100
 HOURS (L.S.T.)
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.1 | 6.2 | 4.9 | 3.1 | .0 | .2 | | | | | | 24.3 | 6.3 |
| NNE | 2.2 | .2 | | | | | | | | | | 2.4 | 2.5 |
| NE | 1.7 | .4 | | | | | | | | | | 2.2 | 2.9 |
| ENE | .2 | | | | | | | | | | | .2 | 2.0 |
| E | 1.0 | | | | | | | | | | | 1.6 | 2.0 |
| ESE | | | | | | | | | | | | | |
| SE | 1.4 | .6 | .2 | | | | | | | | | 2.7 | 3.5 |
| SSE | 1.2 | 2.2 | .6 | .4 | .1 | | | | | | | 6.6 | 4.8 |
| S | 5.0 | 4.4 | 8.4 | 11.7 | 5.5 | 1.1 | .1 | | | | | 37.0 | 10.7 |
| SSW | .6 | .8 | .9 | .0 | .6 | .2 | | | | | | 4.1 | 10.2 |
| SW | 1.0 | .3 | .3 | .4 | | | | | | | | 2.0 | 6.4 |
| WSW | .4 | .1 | .1 | .1 | | | | | | | | .8 | 3.3 |
| W | 1.0 | .2 | .3 | .1 | | | | | | | | 1.6 | 4.6 |
| WNW | .1 | .1 | | .1 | | | | | | | | .3 | 7.0 |
| NW | .0 | .0 | .1 | | | | | | | | | 1.3 | 3.3 |
| NNW | 1.2 | 1.6 | 1.7 | 1.4 | | | | | | | | 5.9 | 7.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.5 | |
| | 31.4 | 17.6 | 17.6 | 18.3 | 7.0 | 1.5 | .1 | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USA
AIR EATER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25200 STATION PRINCE GEORGE & C DUT APT 57-66 YEARS EC MONTH
CLASS ALL WEATHERS
HOURS 1200-1400
(L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 0.2 | 1.0 | 5.5 | 2.2 | 1.2 | .1 | .2 | | | | | 22.6 | 6.7 |
| NNE | 2.6 | .6 | .3 | .2 | .2 | | | | | | | 4.2 | 4.5 |
| NE | 1.9 | .5 | .2 | | | | | | | | | 2.7 | 3.2 |
| ENE | 1.1 | .1 | | | | | | | | | | 1.2 | 2.3 |
| E | .7 | | .1 | | | | | | | | | 1.0 | 2.1 |
| ESE | .4 | | | | | | | | | | | .4 | 1.8 |
| SE | 1.9 | .2 | .1 | | | | | | | | | 2.3 | 2.8 |
| SSE | 1.9 | 1.1 | 1.1 | .9 | .2 | | | | | | | 4.8 | 6.9 |
| S | 4.4 | 4.0 | 10.9 | 12.6 | 2.8 | .9 | .1 | .1 | | | | 37.7 | 10.4 |
| SSW | .2 | .6 | .3 | 2.6 | .6 | .2 | | | | | | 5.9 | 11.2 |
| SW | .4 | .5 | 1.1 | .4 | | | | | | | | 2.5 | 7.6 |
| WSW | .4 | .1 | .5 | .2 | .1 | | | | | | | 1.3 | 8.4 |
| W | 1.9 | .2 | .9 | | | | | | | | | 2.0 | 4.9 |
| WNW | .2 | .1 | .3 | .2 | | .1 | .1 | | | | | 1.2 | 11.5 |
| NW | .4 | .6 | .1 | | | | | | | | | 1.2 | 4.1 |
| NNW | 1.4 | 2.5 | 1.2 | 1.7 | .1 | | | | | | | 6.9 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.4 | |
| | 25.1 | 18.3 | 23.5 | 21.0 | 5.3 | 1.3 | .4 | .1 | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/1AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

232405
STATIONPRINCE GEORGE 6 C UNIT APT
STATION NAME57-66
YEARSLEC
MONTHALL WEATHER
CLASS1500-1700
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 10.0 | 6.1 | 5.5 | 2.7 | .9 | .3 | | | | | | 25.5 | 6.2 |
| NNE | 1.7 | .5 | .1 | .2 | .1 | | | | | | | 2.7 | 4.7 |
| NE | 2.3 | .2 | | | | | | | | | | 2.5 | 2.2 |
| ENE | .8 | | .1 | | | | | | | | | .9 | 3.3 |
| E | 1.0 | .3 | | | | | | | | | | 1.3 | 2.4 |
| ESE | | | | | | | | | | | | | |
| SE | .0 | .6 | .3 | | | | | | | | | 1.7 | 3.9 |
| SSE | 2.2 | 1.6 | 1.9 | .4 | .2 | | | | | | | 6.1 | 6.0 |
| S | 6.1 | 5.5 | 4.5 | 7.2 | 2.7 | .8 | | | | | | 31.7 | 9.0 |
| SSW | 1.3 | 1.2 | 1.7 | .8 | .5 | .1 | | | | | | 5.6 | 4.6 |
| SW | .0 | .3 | | .1 | | | | | | | | 1.1 | 4.9 |
| WSW | .4 | .3 | .3 | | | | | | | | | 1.1 | 3.2 |
| W | 1.0 | .5 | .3 | .1 | .1 | | | | | | | 2.7 | 5.5 |
| WNW | .4 | .3 | .1 | .9 | | | | | | | | 1.7 | 8.9 |
| NW | 1.0 | .1 | | | .1 | | | | | | | 1.2 | 4.0 |
| NNW | 2.7 | 1.4 | 2.0 | .9 | .2 | | | | | | | 7.2 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.2 | |
| | 32.8 | 19.4 | 22.4 | 13.2 | 4.8 | 1.2 | | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
 DTAC/USAF
 AIR WEATHER SERVICE/DTAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25200 STATION PRINCE GEORGE R C OUT APT 97-66 MONTH 50
 CLASS ALL WEATHER 1800-2000
 HOURS (L.S.T.)
 CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.6 | 0.1 | 0.3 | 2.6 | .2 | .1 | | | | | | 25.3 | 6.2 |
| NNE | .4 | .4 | .1 | | | | | | | | | 1.4 | 3.4 |
| NE | 1.6 | | | | | | | | | | | 1.3 | 1.9 |
| ENE | .2 | | | | | | | | | | | .3 | 1.7 |
| E | 1.7 | | .1 | | | | | | | | | 1.3 | 2.3 |
| ESE | .3 | | | | | | | | | | | .3 | 2.3 |
| SE | .7 | .8 | .2 | .1 | | | | | | | | 2.1 | 4.1 |
| SSE | 2.4 | 1.4 | 1.7 | .1 | .2 | .1 | | | | | | 5.9 | 5.8 |
| S | 4.6 | 9.6 | 9.2 | 7.4 | 2.3 | 1.6 | .4 | | | | | 35.0 | 8.2 |
| SSW | .6 | .8 | 1.1 | 1.3 | .6 | | | | | | | 4.4 | 9.3 |
| SW | .7 | .3 | .9 | .1 | | | | | | | | 2.2 | 5.7 |
| WSW | .1 | .1 | | .2 | | | | | | | | .4 | 7.8 |
| W | .5 | .1 | .4 | .4 | | | | | | | | 1.3 | 6.3 |
| WNW | .2 | .2 | | .2 | | | | | | | | 1.0 | 5.6 |
| NW | .2 | .2 | .3 | | | | | | | | | 1.7 | 3.3 |
| NNW | 2.6 | .6 | .8 | 1.4 | .6 | | | | | | | 5.6 | 8.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.7 | |
| | 34.1 | 17.1 | 21.2 | 13.9 | 4.3 | 1.8 | .4 | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR EATER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

252 5 STATION PRINCE GEORGE S.C. OUT APT 57-66 YEAR MONTH
STATION NAME CLASS ALL WEATHER 2100-2300
CONDITION HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 7.6 | 6.5 | 4.7 | 2.8 | .3 | | | | | | | 21.9 | 5.0 |
| NNE | 2.3 | .1 | .1 | .1 | | | | | | | | 2.6 | 2.9 |
| NE | 1.8 | | .1 | | | | | | | | | 1.7 | 2.2 |
| ENE | .1 | .1 | .1 | | | | | | | | | .3 | 5.0 |
| E | .0 | | .1 | | | | | | | | | .9 | 2.5 |
| ESE | .0 | | | | | | | | | | | .2 | 1.5 |
| SE | 1.2 | .3 | | | | | | | | | | 1.8 | 2.5 |
| SSE | 2.5 | 1.5 | 2.0 | .2 | .2 | | | | | | | 6.4 | 5.8 |
| S | 1.5 | 5.7 | 8.5 | 8.5 | 3.2 | 1.5 | .3 | | | | | 36.2 | 10.0 |
| SSW | 1.1 | 1.3 | 1.3 | 1.2 | .2 | | | | | | | 5.1 | 8.0 |
| SW | 1.2 | .3 | .8 | .1 | | | | | | | | 2.7 | 4.7 |
| WSW | .1 | .2 | .3 | | | | | | | | | .6 | 6.2 |
| W | 1.2 | .3 | .4 | .2 | | | | | | | | 2.4 | 4.8 |
| WNW | .2 | .2 | .1 | .1 | | | | | | | | .6 | 7.0 |
| NW | .2 | | .2 | | | | | | | | | .8 | 3.6 |
| NNW | 1.5 | .3 | 1.9 | 2.5 | .2 | | | | | | | 6.5 | 7.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.0 | |
| | 30.4 | 17.1 | 20.8 | 15.7 | 4.2 | 2.5 | .3 | | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIRCRAFT SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

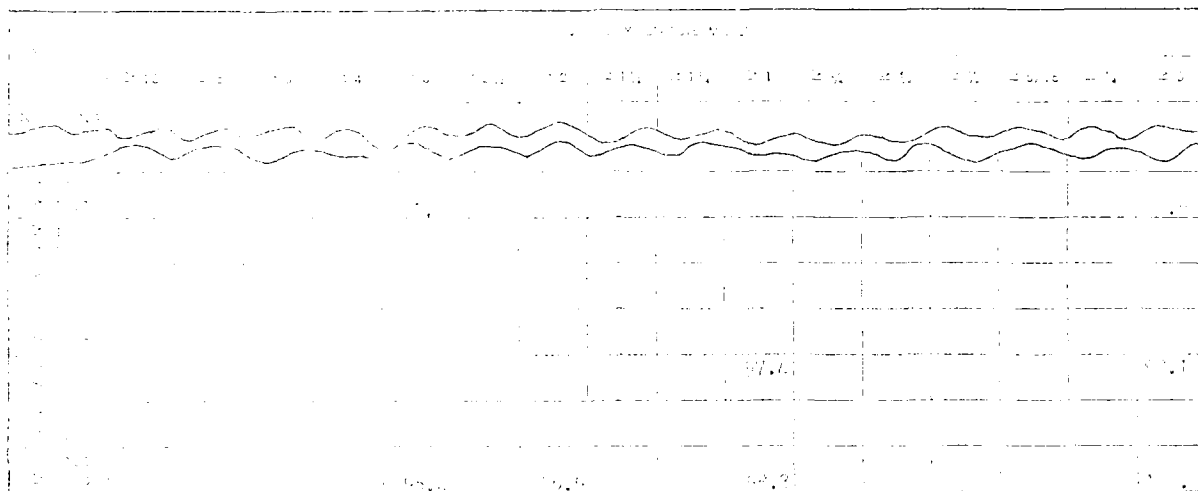
SURFACE WINDS

STATION 02-0 STATION NAME PERCUT GEORGE W. C. DIT APT YEARS 21-66 ALL MONTH
 INSTRUMENT ALL
 CLASS ALL
 CONDITION ALL
CIG 200 TO 1400 FT w/ VSBY 1/2 MI OR MORE,
40/10 VSBY 1/2 TO 2-1/2 MI < CIG 200 FT OR MORE

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.1 | 6.9 | 6.9 | 3.8 | .8 | .2 | .1 | | | | | 26.2 | 6.2 |
| NNE | 1.6 | .7 | .3 | .3 | .1 | .1 | | | | | | 2.5 | 5.5 |
| NE | 1.9 | .3 | .1 | .1 | .2 | | | | | | | 2.3 | 2.9 |
| ENE | .4 | .1 | .0 | | | | | | | | | .0 | 3.1 |
| E | 1.2 | .1 | | .0 | | | | | | | | 1.2 | 2.2 |
| ESE | .4 | .0 | .0 | .0 | | | | | | | | .3 | 2.9 |
| SE | .4 | .5 | .1 | .0 | | | | | | | | 2.4 | 2.9 |
| SSE | 2.1 | 1.2 | .8 | .4 | .1 | .0 | | | | | | 4.4 | 5.3 |
| S | 1.1 | 3.2 | 2.2 | 6.7 | 1.8 | .3 | .2 | | | | | 24.2 | 8.4 |
| SSW | 1.2 | .7 | .8 | .7 | .2 | .1 | | | | | | 3.7 | 7.5 |
| SW | 1.4 | .5 | .4 | .1 | | | | | | | | 2.5 | 4.4 |
| WSW | .5 | .2 | .3 | .1 | .0 | | | | | | | 1.3 | 5.1 |
| W | 1.2 | .0 | .0 | .2 | .0 | .0 | | | | | | 2.2 | 5.2 |
| WNW | .2 | .3 | .5 | .2 | .6 | .0 | | | | | | 1.6 | 6.5 |
| NW | 1.0 | .0 | .8 | .2 | .1 | .0 | | | | | | 3.5 | 5.3 |
| NNW | 2.1 | 1.4 | 2.1 | 1.9 | .5 | .0 | .0 | | | | | 8.0 | 8.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.6 | |
| | 34.7 | 17.4 | 19.0 | 14.8 | 3.2 | .7 | .1 | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS 7693

RELATIONS FOR SET OF CHARTS VERSUS VISIBILITY VALUES IN THIS EVALUATION



- Example 1: A line is drawn vertically at visibility value 0.1 at right headed ≥ 0 .
 From the table: Ceiling ≥ 1500 feet = 98.8%.
 Ceiling ≥ 900 feet = 98.1%.
- Example 2: A line is drawn vertically at ceiling value 1500 feet on bottom line opposite ≥ 0 . From the table:
 Ceiling ≥ 1500 feet = 98.8%.
 Ceiling ≥ 900 feet = 98.1%.
- Example 3: A line is drawn vertically at ceiling value 1500 feet and visibility value 0.1 at right headed ≥ 0 . From the table:
 Ceiling ≥ 1500 feet with visibility ≥ 0.1 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values shown within brackets in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 97.9, from 100.0. The answer 2.1 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within two or more categories, first in example 4, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 51.7 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 57.6 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 5.9. Thus, 5.9 percent of the observations meet the criteria: "ceiling ≥ 1500 feet with visibility ≥ 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine trends with respect to ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

AIR FORCE DIVISION
SAP ETA
AIR FORCE SERVICE APO

CEILING VERSUS VISIBILITY

PRINCE GEORGE AIRPORT

57-66

LL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

LL

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO. CEILING | 7.2 | 34.1 | 30.2 | 30.4 | 30.2 | 34.3 | 38.1 | 39.7 | 39.6 | 35.2 | 28.2 | 34.1 | 37.1 | 30.2 | 19.4 | 37.2 |
| ≥ 20000 | 41.2 | 42.1 | 42.2 | 42.4 | 42.5 | 42.5 | 42.6 | 42.6 | 42.6 | 42.6 | 42.9 | 42.9 | 43.2 | 43.2 | 43.4 | 43.4 |
| IV 18000 | 42.0 | 42.4 | 42.5 | 42.6 | 42.7 | 42.7 | 42.8 | 42.8 | 42.9 | 43.0 | 43.2 | 43.2 | 43.2 | 43.5 | 43.5 | 43.5 |
| IV 16000 | 42.7 | 43.1 | 43.2 | 43.3 | 43.4 | 43.4 | 43.5 | 43.6 | 43.6 | 43.7 | 43.7 | 43.7 | 44.1 | 44.1 | 44.4 | 44.5 |
| IV 14000 | 44.7 | 45.1 | 45.1 | 45.3 | 45.4 | 45.4 | 45.5 | 45.7 | 45.8 | 45.7 | 45.8 | 45.7 | 46.1 | 46.2 | 46.3 | 46.5 |
| IV 12000 | 47.8 | 48.1 | 48.2 | 48.4 | 48.5 | 48.5 | 48.6 | 48.7 | 48.7 | 48.9 | 49.1 | 49.1 | 49.2 | 49.2 | 49.3 | 49.7 |
| IV 10000 | 52.4 | 52.7 | 52.9 | 53.1 | 53.1 | 53.2 | 53.3 | 53.3 | 53.3 | 53.5 | 53.6 | 53.7 | 53.9 | 53.9 | 54.1 | 54.7 |
| IV 9000 | 55.6 | 56.1 | 56.2 | 56.4 | 56.5 | 56.5 | 56.6 | 56.7 | 56.7 | 56.8 | 57.0 | 57.1 | 57.2 | 57.3 | 57.2 | 57.7 |
| IV 8000 | 59.2 | 59.7 | 59.8 | 60.0 | 60.1 | 60.1 | 60.3 | 60.3 | 60.3 | 60.5 | 60.7 | 60.7 | 60.9 | 61.0 | 61.2 | 61.4 |
| IV 7000 | 62.6 | 64.3 | 64.3 | 64.7 | 64.6 | 64.6 | 65.1 | 65.1 | 65.1 | 65.2 | 65.4 | 65.4 | 65.7 | 65.7 | 65.7 | 66.3 |
| IV 6000 | 67.1 | 67.7 | 67.9 | 68.2 | 68.3 | 68.3 | 68.5 | 68.5 | 68.5 | 68.7 | 68.9 | 68.9 | 69.2 | 69.2 | 69.2 | 69.7 |
| IV 5000 | 72.0 | 73.4 | 73.5 | 73.6 | 74.0 | 74.0 | 74.2 | 74.3 | 74.3 | 74.5 | 74.5 | 74.7 | 74.9 | 75.0 | 75.2 | 75.2 |
| IV 4500 | 75.3 | 76.3 | 76.6 | 76.6 | 77.0 | 77.1 | 77.3 | 77.4 | 77.4 | 77.5 | 77.7 | 77.7 | 77.7 | 77.7 | 78.1 | 78.1 |
| IV 4000 | 78.7 | 79.7 | 80.1 | 80.4 | 80.7 | 80.7 | 80.9 | 81.0 | 81.0 | 81.2 | 81.4 | 81.4 | 81.7 | 81.8 | 82.0 | 82.0 |
| IV 3500 | 81.3 | 81.5 | 81.6 | 82.3 | 82.7 | 82.7 | 82.9 | 83.0 | 83.0 | 83.2 | 83.4 | 83.5 | 83.7 | 83.8 | 84.0 | 84.2 |
| IV 3000 | 84.9 | 85.4 | 85.8 | 86.3 | 86.7 | 86.8 | 87.1 | 87.2 | 87.2 | 87.4 | 87.5 | 87.5 | 87.8 | 87.8 | 88.1 | 88.1 |
| IV 2500 | 88.3 | 88.8 | 89.3 | 89.9 | 90.4 | 90.5 | 90.8 | 90.9 | 91.0 | 91.2 | 91.4 | 91.4 | 91.7 | 91.7 | 92.0 | 92.0 |
| IV 2000 | 91.3 | 91.6 | 91.7 | 92.1 | 92.4 | 92.4 | 92.7 | 92.7 | 92.7 | 93.1 | 93.1 | 93.1 | 93.4 | 93.4 | 93.7 | 93.7 |
| IV 1800 | 94.4 | 94.8 | 95.1 | 95.5 | 95.8 | 95.8 | 96.1 | 96.1 | 96.1 | 96.4 | 96.4 | 96.4 | 96.7 | 96.7 | 97.0 | 97.0 |
| IV 1500 | 97.5 | 97.8 | 98.1 | 98.4 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.3 | 99.3 | 99.3 | 99.6 | 99.6 | 99.9 | 99.9 |
| IV 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

57-45

USAF ETAC 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
SAFETY
AIR CRAFT SERVICE AC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

57-66

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

11

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 26.6 | 27.4 | 27.5 | 28.0 | 28.1 | 28.1 | 28.3 | 28.3 | 28.3 | 28.3 | 28.5 | 28.5 | 28.7 | 28.8 | 28.8 | 27.7 |
| ≥ 20000 | 26.4 | 29.2 | 29.6 | 29.8 | 29.9 | 29.9 | 30.1 | 30.1 | 30.1 | 30.1 | 30.3 | 30.3 | 30.5 | 30.6 | 30.6 | 30.2 |
| ≥ 18000 | 26.5 | 29.3 | 29.9 | 30.1 | 30.2 | 30.2 | 30.4 | 30.4 | 30.4 | 30.4 | 30.6 | 30.6 | 30.8 | 30.9 | 30.9 | 31.1 |
| ≥ 16000 | 26.2 | 29.1 | 30.0 | 30.7 | 30.8 | 30.8 | 31.0 | 31.0 | 31.0 | 31.0 | 31.2 | 31.2 | 31.4 | 31.5 | 31.5 | 31.7 |
| ≥ 14000 | 26.9 | 31.2 | 32.3 | 32.5 | 32.6 | 32.7 | 32.9 | 32.9 | 32.9 | 33.0 | 33.1 | 33.1 | 33.2 | 33.3 | 33.4 | 33.5 |
| ≥ 12000 | 28.8 | 34.9 | 35.3 | 35.5 | 35.6 | 35.6 | 35.8 | 35.8 | 35.8 | 35.9 | 36.0 | 36.1 | 36.2 | 36.3 | 36.4 | 36.5 |
| ≥ 10000 | 27.5 | 35.1 | 36.5 | 36.7 | 36.8 | 36.9 | 37.1 | 37.1 | 37.1 | 37.1 | 37.3 | 37.3 | 37.5 | 37.6 | 37.7 | 37.8 |
| ≥ 9000 | 29.7 | 36.5 | 41.3 | 41.5 | 41.6 | 41.7 | 41.9 | 41.9 | 41.9 | 42.1 | 42.2 | 42.3 | 42.4 | 42.5 | 42.6 | 42.7 |
| ≥ 8000 | 41.5 | 44.3 | 45.3 | 45.7 | 45.8 | 45.9 | 46.1 | 46.1 | 46.1 | 46.2 | 46.3 | 46.4 | 46.5 | 46.6 | 46.7 | 46.8 |
| ≥ 7000 | 47.5 | 47.1 | 49.7 | 50.1 | 50.2 | 50.3 | 50.5 | 50.5 | 50.5 | 50.6 | 50.6 | 50.6 | 50.7 | 50.8 | 50.9 | 51.0 |
| ≥ 6000 | 49.8 | 51.5 | 52.1 | 52.5 | 52.7 | 52.9 | 53.1 | 53.1 | 53.1 | 53.2 | 53.2 | 53.3 | 53.4 | 53.5 | 53.7 | 54.0 |
| ≥ 5000 | 54.1 | 55.7 | 56.6 | 57.2 | 57.4 | 57.5 | 57.6 | 57.7 | 57.7 | 57.9 | 57.9 | 58.1 | 58.1 | 58.3 | 58.4 | 58.7 |
| ≥ 4500 | 53.0 | 54.9 | 59.5 | 60.1 | 60.4 | 60.5 | 60.8 | 60.8 | 60.9 | 60.9 | 60.9 | 61.1 | 61.1 | 61.3 | 61.5 | 61.7 |
| ≥ 4000 | 59.4 | 62.0 | 62.8 | 63.6 | 64.1 | 64.2 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.8 | 64.9 | 65.0 | 65.1 | 65.4 |
| ≥ 3500 | 61.1 | 63.9 | 64.9 | 65.7 | 66.4 | 66.6 | 67.1 | 67.1 | 67.2 | 67.2 | 67.4 | 67.4 | 67.6 | 67.7 | 67.8 | 68.0 |
| ≥ 3000 | 62.0 | 66.1 | 67.2 | 68.3 | 69.3 | 69.7 | 70.2 | 70.4 | 70.4 | 70.5 | 70.7 | 70.7 | 70.9 | 71.1 | 71.1 | 71.3 |
| ≥ 2500 | 64.7 | 68.3 | 69.6 | 70.9 | 72.0 | 72.5 | 73.2 | 73.4 | 73.5 | 73.6 | 73.8 | 73.8 | 74.0 | 74.1 | 74.2 | 74.4 |
| ≥ 2000 | 65.0 | 71.3 | 71.7 | 73.2 | 74.6 | 75.2 | 76.3 | 76.7 | 77.0 | 77.3 | 77.5 | 77.5 | 77.7 | 77.9 | 78.0 | 78.2 |
| ≥ 1800 | 66.3 | 71.1 | 72.6 | 74.2 | 75.6 | 76.2 | 77.5 | 78.2 | 78.5 | 78.8 | 79.1 | 79.2 | 79.3 | 79.5 | 79.5 | 79.7 |
| ≥ 1500 | 67.0 | 71.9 | 73.5 | 75.1 | 75.9 | 77.5 | 79.0 | 80.1 | 80.6 | 81.3 | 81.6 | 81.6 | 81.8 | 82.0 | 82.1 | 82.3 |
| ≥ 1200 | 68.2 | 73.6 | 75.3 | 77.2 | 79.1 | 79.9 | 81.6 | 83.1 | 83.8 | 85.0 | 85.5 | 85.6 | 85.8 | 85.9 | 86.1 | 86.2 |
| ≥ 1000 | 65.9 | 74.6 | 76.4 | 78.3 | 80.4 | 81.1 | 82.5 | 84.4 | 85.2 | 87.0 | 87.9 | 88.0 | 88.2 | 88.4 | 88.5 | 88.7 |
| ≥ 900 | 69.2 | 75.1 | 76.7 | 78.9 | 80.9 | 81.7 | 83.6 | 85.1 | 86.0 | 88.2 | 89.3 | 89.4 | 89.6 | 89.8 | 89.9 | 90.1 |
| ≥ 800 | 69.4 | 75.5 | 77.3 | 79.4 | 81.4 | 82.2 | 84.1 | 85.7 | 86.5 | 88.8 | 90.3 | 90.4 | 90.7 | 90.8 | 91.0 | 91.2 |
| ≥ 700 | 69.7 | 75.7 | 77.9 | 80.1 | 82.2 | 83.0 | 85.0 | 86.6 | 87.4 | 89.8 | 91.4 | 91.7 | 92.0 | 92.1 | 92.3 | 92.4 |
| ≥ 600 | 70.0 | 76.6 | 78.6 | 80.7 | 83.1 | 84.0 | 85.9 | 87.6 | 88.4 | 90.8 | 92.6 | 92.9 | 93.2 | 93.4 | 93.5 | 93.7 |
| ≥ 500 | 70.1 | 77.2 | 79.3 | 81.6 | 83.8 | 84.7 | 86.7 | 88.4 | 89.3 | 91.7 | 93.5 | 93.8 | 94.3 | 94.4 | 94.6 | 94.8 |
| ≥ 400 | 70.5 | 77.9 | 80.1 | 82.6 | 84.9 | 85.8 | 87.8 | 89.5 | 90.4 | 92.9 | 94.7 | 95.1 | 95.7 | 95.9 | 96.1 | 96.3 |
| ≥ 300 | 70.6 | 78.1 | 80.4 | 82.9 | 85.3 | 86.3 | 88.4 | 90.2 | 91.1 | 93.5 | 95.5 | 95.8 | 96.5 | 96.8 | 97.0 | 97.4 |
| ≥ 200 | 70.7 | 78.2 | 80.5 | 83.2 | 85.7 | 86.7 | 89.0 | 90.8 | 91.7 | 94.2 | 96.3 | 96.6 | 97.3 | 97.6 | 97.8 | 98.1 |
| ≥ 100 | 70.7 | 78.2 | 80.6 | 83.3 | 85.9 | 86.9 | 89.3 | 91.1 | 92.1 | 94.7 | 96.8 | 97.1 | 97.9 | 98.2 | 98.9 | 99.3 |
| ≥ 0 | 70.7 | 78.2 | 80.6 | 83.3 | 85.9 | 86.9 | 89.3 | 91.2 | 92.1 | 94.8 | 96.9 | 97.3 | 98.1 | 98.3 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC

0-14-5 (OL 1) PREPARED BY THE AIRCRAFT SERVICE DIVISION

2

AT: PR: 5011 IN: 1111
 USA: 511
 CE: 1111 1111 1111 1111

CEILING VERSUS VISIBILITY

111111 111111 111111 111111

11-11

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

11

| CEILING FEET | VISIBILITY: STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING | 3.3 | 19.0 | 30.1 | 30.3 | 36.5 | 46.5 | 40.7 | 36.0 | 30.8 | 37.0 | 37.1 | 37.7 | 37.4 | 37.4 | 37.7 | 37.7 |
| IV 20000 | 3.0 | 19.5 | 29.5 | 30.0 | 40.0 | 40.0 | 40.0 | 40.4 | 40.4 | 40.5 | 40.0 | 40.7 | 40.9 | 40.9 | 41.0 | 41.0 |
| IV 18000 | 3.3 | 19.5 | 30.0 | 30.1 | 40.4 | 40.4 | 40.5 | 40.7 | 40.7 | 40.8 | 41.0 | 41.0 | 41.2 | 41.2 | 41.2 | 41.7 |
| IV 16000 | 3.0 | 19.0 | 30.0 | 30.5 | 40.0 | 40.0 | 41.0 | 41.1 | 41.1 | 41.3 | 41.4 | 41.5 | 41.7 | 41.7 | 42.0 | 42.1 |
| IV 14000 | 3.6 | 22.2 | 32.3 | 32.5 | 42.5 | 42.5 | 43.1 | 43.1 | 43.3 | 43.3 | 43.4 | 43.5 | 43.7 | 43.7 | 44.0 | 44.1 |
| IV 12000 | 3.4 | 20.1 | 30.2 | 30.4 | 40.0 | 40.0 | 40.0 | 40.5 | 40.5 | 40.9 | 40.1 | 40.2 | 40.5 | 40.5 | 40.5 | 40.5 |
| IV 10000 | 4.6 | 24.7 | 34.1 | 34.5 | 49.5 | 49.5 | 49.5 | 49.9 | 49.9 | 50.1 | 50.3 | 50.3 | 50.5 | 50.5 | 50.5 | 51.0 |
| IV 9000 | 5.1 | 21.0 | 32.0 | 32.2 | 52.5 | 52.5 | 52.5 | 52.7 | 52.7 | 52.9 | 53.0 | 53.2 | 53.5 | 53.5 | 53.5 | 53.7 |
| IV 8000 | 5.1 | 25.5 | 35.0 | 35.2 | 56.5 | 56.5 | 56.7 | 56.7 | 56.9 | 57.1 | 57.2 | 57.3 | 57.5 | 57.5 | 57.5 | 58.0 |
| IV 7000 | 6.1 | 21.0 | 31.2 | 31.4 | 61.7 | 61.7 | 62.0 | 62.1 | 62.1 | 62.3 | 62.5 | 62.5 | 62.6 | 62.6 | 63.0 | 63.3 |
| IV 6000 | 6.2 | 23.1 | 33.3 | 33.0 | 63.7 | 63.7 | 64.1 | 64.1 | 64.3 | 64.5 | 64.6 | 64.7 | 65.0 | 65.0 | 65.0 | 65.5 |
| IV 5000 | 7.0 | 24.2 | 34.5 | 34.8 | 69.1 | 69.2 | 69.9 | 69.9 | 69.9 | 69.7 | 69.8 | 70.0 | 70.1 | 70.4 | 70.4 | 70.7 |
| IV 4500 | 7.7 | 21.2 | 31.5 | 31.9 | 72.2 | 72.3 | 72.6 | 72.6 | 72.8 | 73.0 | 73.2 | 73.3 | 73.5 | 73.4 | 73.7 | 74.1 |
| IV 4000 | 7.7 | 24.5 | 34.9 | 35.3 | 75.3 | 75.9 | 76.0 | 76.0 | 76.5 | 76.7 | 76.9 | 77.0 | 77.3 | 77.3 | 77.7 | 77.7 |
| IV 3500 | 7.7 | 25.7 | 37.3 | 37.5 | 76.4 | 78.5 | 78.9 | 79.3 | 79.1 | 79.4 | 79.6 | 79.6 | 79.9 | 79.9 | 80.0 | 80.5 |
| IV 3000 | 7.3 | 25.7 | 39.2 | 39.2 | 80.7 | 80.9 | 81.3 | 81.3 | 81.6 | 81.9 | 82.1 | 82.2 | 82.4 | 82.5 | 82.6 | 83.0 |
| IV 2500 | 7.7 | 25.6 | 41.3 | 41.4 | 83.3 | 83.3 | 83.9 | 84.3 | 84.4 | 84.6 | 84.8 | 84.8 | 85.2 | 85.3 | 85.6 | 85.8 |
| IV 2000 | 7.8 | 27.0 | 42.8 | 44.1 | 84.9 | 85.3 | 86.1 | 86.0 | 87.0 | 87.3 | 87.5 | 87.6 | 87.9 | 88.0 | 88.0 | 88.5 |
| IV 1800 | 7.9 | 27.4 | 43.3 | 44.0 | 85.6 | 85.9 | 86.7 | 87.7 | 87.8 | 88.2 | 88.4 | 88.5 | 88.8 | 88.9 | 89.0 | 89.0 |
| IV 1500 | 7.3 | 26.3 | 43.9 | 45.4 | 86.6 | 86.9 | 88.2 | 89.2 | 89.4 | 90.1 | 90.4 | 90.5 | 90.8 | 90.8 | 91.0 | 91.4 |
| IV 1200 | 7.9 | 27.9 | 45.5 | 46.6 | 87.9 | 88.3 | 89.6 | 90.0 | 91.2 | 92.2 | 92.6 | 92.7 | 93.1 | 93.1 | 93.5 | 94.7 |
| IV 1000 | 7.9 | 24.2 | 45.4 | 47.1 | 88.4 | 88.8 | 90.2 | 91.3 | 91.9 | 93.2 | 93.8 | 94.0 | 94.3 | 94.4 | 94.5 | 95.0 |
| IV 900 | 8.0 | 24.4 | 45.7 | 47.4 | 88.6 | 89.2 | 90.0 | 91.7 | 92.3 | 93.8 | 94.5 | 94.8 | 95.1 | 94.2 | 95.5 | 96.7 |
| IV 800 | 8.2 | 24.7 | 45.1 | 47.8 | 89.3 | 89.7 | 91.2 | 92.5 | 92.9 | 94.4 | 95.4 | 95.6 | 96.0 | 96.0 | 96.4 | 96.6 |
| IV 700 | 8.2 | 24.8 | 46.2 | 48.0 | 89.3 | 89.9 | 91.4 | 92.0 | 93.2 | 94.8 | 95.8 | 96.0 | 96.4 | 96.5 | 96.9 | 97.0 |
| IV 600 | 8.2 | 24.9 | 46.3 | 48.2 | 89.7 | 90.1 | 91.6 | 93.0 | 93.4 | 95.1 | 96.1 | 96.4 | 96.8 | 96.9 | 97.3 | 97.4 |
| IV 500 | 8.2 | 25.0 | 46.4 | 48.4 | 89.9 | 90.3 | 91.9 | 93.2 | 93.7 | 95.3 | 96.3 | 96.4 | 97.4 | 97.4 | 97.5 | 98.0 |
| IV 400 | 8.2 | 25.1 | 46.5 | 48.5 | 90.1 | 90.6 | 92.2 | 93.5 | 93.9 | 95.7 | 96.9 | 97.1 | 97.8 | 97.8 | 98.0 | 98.4 |
| IV 300 | 8.3 | 25.1 | 46.5 | 48.6 | 90.2 | 90.7 | 92.3 | 93.7 | 94.1 | 95.9 | 97.1 | 97.3 | 98.0 | 98.1 | 98.3 | 98.5 |
| IV 200 | 8.3 | 25.2 | 46.6 | 48.7 | 90.3 | 90.9 | 92.6 | 94.0 | 94.4 | 96.3 | 97.5 | 97.9 | 98.5 | 98.5 | 99.1 | 99.3 |
| IV 100 | 8.3 | 25.2 | 46.7 | 48.7 | 90.4 | 90.9 | 92.6 | 94.1 | 94.5 | 96.4 | 97.6 | 98.0 | 98.6 | 98.7 | 99.0 | 99.5 |
| IV 0 | 8.3 | 25.2 | 46.7 | 48.8 | 90.4 | 90.9 | 92.7 | 94.1 | 94.5 | 96.4 | 97.7 | 98.1 | 98.7 | 98.8 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

6768

USAF ETAC 0145/OL1

DATA PROCESSOR DIVISION
USAF ETAC
AIR FORTEN SERVICE/AC

CEILING VERSUS VISIBILITY

FORM 10-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

57-66

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

11

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 42.6 | 43.1 | 43.1 | 43.2 | 43.3 | 43.3 | 43.4 | 43.4 | 43.4 | 43.4 | 43.7 | 43.7 | 43.7 | 44.1 | 44.1 | 44.4 |
| ≥20000 | 47.7 | 48.0 | 48.1 | 48.1 | 48.3 | 48.3 | 48.4 | 48.4 | 48.4 | 48.4 | 48.6 | 48.6 | 48.6 | 48.9 | 48.9 | 49.3 |
| IN 18000 | 47.9 | 48.2 | 48.3 | 48.3 | 48.3 | 48.3 | 48.6 | 48.6 | 48.6 | 48.6 | 48.9 | 48.9 | 48.9 | 49.2 | 49.2 | 49.7 |
| IN 16000 | 48.0 | 48.9 | 49.1 | 49.1 | 49.1 | 49.1 | 49.2 | 49.2 | 49.2 | 49.2 | 49.3 | 49.3 | 49.3 | 49.7 | 49.7 | 50.2 |
| IN 14000 | 49.3 | 50.8 | 50.9 | 51.0 | 51.1 | 51.1 | 51.4 | 51.4 | 51.4 | 51.4 | 51.6 | 51.6 | 51.6 | 51.8 | 51.8 | 52.2 |
| IN 12000 | 53.7 | 54.3 | 54.1 | 54.1 | 54.3 | 54.3 | 54.3 | 54.4 | 54.4 | 54.4 | 54.6 | 54.6 | 54.6 | 55.0 | 55.1 | 55.5 |
| IN 10000 | 57.6 | 57.9 | 58.0 | 58.1 | 58.2 | 58.2 | 58.3 | 58.4 | 58.4 | 58.6 | 58.6 | 58.7 | 58.7 | 59.0 | 59.1 | 59.5 |
| IN 9000 | 60.3 | 60.7 | 60.7 | 60.8 | 60.9 | 60.9 | 61.0 | 61.1 | 61.1 | 61.1 | 61.3 | 61.4 | 61.4 | 61.7 | 61.7 | 62.2 |
| IN 8000 | 63.2 | 63.5 | 63.6 | 63.7 | 63.7 | 63.9 | 64.0 | 64.0 | 64.0 | 64.0 | 64.3 | 64.4 | 64.4 | 64.7 | 64.8 | 65.3 |
| IN 7000 | 67.0 | 67.4 | 67.4 | 67.5 | 67.7 | 67.7 | 67.8 | 67.8 | 67.8 | 67.8 | 68.1 | 68.2 | 68.3 | 68.5 | 68.6 | 69.1 |
| IN 6000 | 70.3 | 70.6 | 70.7 | 70.8 | 71.0 | 71.0 | 71.1 | 71.1 | 71.1 | 71.1 | 71.4 | 71.5 | 71.5 | 71.6 | 71.9 | 72.4 |
| IN 5000 | 74.1 | 74.2 | 74.3 | 74.4 | 74.6 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 75.0 | 75.0 | 75.0 | 75.4 | 75.4 | 75.9 |
| IN 4500 | 77.3 | 77.3 | 77.3 | 77.3 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.9 | 77.9 | 77.9 | 78.2 | 78.2 | 78.7 |
| IN 4000 | 80.7 | 81.4 | 81.6 | 81.6 | 82.1 | 82.1 | 82.2 | 82.3 | 82.3 | 82.3 | 82.6 | 82.7 | 82.7 | 83.1 | 83.2 | 83.7 |
| IN 3500 | 83.4 | 83.3 | 83.5 | 83.6 | 84.1 | 84.1 | 84.2 | 84.3 | 84.3 | 84.3 | 84.7 | 84.8 | 84.9 | 85.2 | 85.3 | 85.8 |
| IN 3000 | 86.0 | 85.1 | 85.4 | 85.8 | 86.2 | 86.3 | 86.5 | 86.5 | 86.5 | 86.5 | 86.9 | 87.0 | 87.2 | 87.4 | 87.5 | 88.0 |
| IN 2500 | 88.3 | 86.8 | 87.2 | 87.7 | 88.2 | 88.2 | 88.5 | 88.5 | 88.5 | 88.6 | 89.0 | 89.1 | 89.2 | 89.5 | 89.5 | 90.1 |
| IN 2000 | 90.3 | 87.9 | 88.4 | 89.1 | 89.8 | 89.9 | 90.4 | 90.4 | 90.4 | 90.6 | 91.0 | 91.2 | 91.3 | 91.6 | 91.7 | 92.2 |
| IN 1800 | 92.4 | 88.1 | 88.6 | 89.4 | 90.1 | 90.3 | 90.9 | 91.1 | 91.1 | 91.1 | 91.6 | 91.8 | 91.9 | 92.2 | 92.3 | 92.7 |
| IN 1500 | 94.9 | 89.8 | 89.3 | 90.1 | 90.9 | 91.0 | 91.7 | 92.0 | 92.1 | 92.1 | 92.8 | 93.0 | 93.1 | 93.4 | 93.5 | 94.0 |
| IN 1200 | 97.2 | 89.2 | 89.8 | 90.6 | 91.4 | 91.6 | 92.4 | 92.9 | 93.0 | 93.0 | 94.0 | 94.4 | 94.5 | 94.8 | 94.9 | 95.3 |
| IN 1000 | 97.3 | 89.6 | 90.2 | 91.0 | 91.9 | 92.1 | 93.0 | 93.6 | 93.8 | 93.8 | 94.9 | 95.3 | 95.5 | 95.8 | 95.8 | 96.3 |
| IN 900 | 97.6 | 89.8 | 90.4 | 91.3 | 92.2 | 92.4 | 93.2 | 94.0 | 94.1 | 94.1 | 95.3 | 95.8 | 95.9 | 96.2 | 96.3 | 96.6 |
| IN 800 | 97.7 | 89.9 | 90.6 | 91.4 | 92.3 | 92.5 | 93.3 | 94.1 | 94.3 | 94.3 | 95.5 | 96.1 | 96.3 | 96.6 | 96.7 | 97.1 |
| IN 700 | 97.9 | 90.2 | 90.8 | 91.7 | 92.6 | 92.8 | 93.8 | 94.4 | 94.6 | 94.6 | 95.8 | 96.5 | 96.7 | 97.0 | 97.1 | 97.4 |
| IN 600 | 98.0 | 90.2 | 90.9 | 91.7 | 92.7 | 92.9 | 93.9 | 94.6 | 94.8 | 94.8 | 96.1 | 96.9 | 97.2 | 97.5 | 97.6 | 98.1 |
| IN 500 | 98.0 | 90.3 | 90.9 | 91.8 | 92.8 | 93.0 | 94.0 | 94.7 | 94.9 | 94.9 | 96.2 | 97.1 | 97.4 | 97.8 | 97.9 | 98.4 |
| IN 400 | 98.0 | 90.4 | 91.0 | 91.9 | 92.9 | 93.1 | 94.1 | 94.9 | 95.1 | 95.1 | 96.4 | 97.3 | 97.5 | 98.1 | 98.2 | 98.5 |
| IN 300 | 98.0 | 90.4 | 91.1 | 92.0 | 93.0 | 93.3 | 94.3 | 95.0 | 95.2 | 95.2 | 96.5 | 97.5 | 97.7 | 98.3 | 98.4 | 98.7 |
| IN 200 | 98.0 | 90.4 | 91.1 | 92.1 | 93.1 | 93.4 | 94.4 | 95.1 | 95.3 | 95.3 | 96.7 | 97.6 | 97.9 | 98.5 | 98.7 | 99.1 |
| IN 100 | 98.0 | 90.4 | 91.1 | 92.1 | 93.1 | 93.4 | 94.4 | 95.1 | 95.3 | 95.3 | 96.7 | 97.7 | 98.0 | 98.7 | 98.9 | 99.7 |
| IN 0 | 98.0 | 90.4 | 91.1 | 92.1 | 93.1 | 93.4 | 94.4 | 95.1 | 95.3 | 95.3 | 96.7 | 97.7 | 98.0 | 98.7 | 98.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 10-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
SIX SEATER SERVICE/AC

CEILING VERSUS VISIBILITY

252100
STATION

PRINCE GEORGE SOUTHERN APT

57-66

YEAR

DAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

711
MONTH

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|-------|------|-------|------|-------|--------|--------|-------|--------|---------|--------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ 0.5 | ≥ 0.25 | ≥ 0.15 | ≥ 0.1 | ≥ 0.05 | ≥ 0.025 | ≥ 0.01 |
| NO CEILING | 44.5 | 44.6 | 44.6 | 44.6 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.8 | 44.8 | 44.8 | 44.9 | 44.9 | 45.0 | 45.0 |
| ≥ 20000 | 49.6 | 49.7 | 49.7 | 49.8 | 49.8 | 49.8 | 49.9 | 49.9 | 49.9 | 49.9 | 50.0 | 50.0 | 50.1 | 50.1 | 50.1 | 50.2 |
| ≥ 18000 | 49.8 | 49.9 | 49.9 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.1 | 50.1 | 50.1 | 50.1 | 50.2 | 50.3 | 50.3 |
| ≥ 16000 | 50.6 | 50.7 | 50.8 | 50.8 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 51.0 | 51.0 | 51.1 | 51.1 | 51.1 | 51.2 |
| ≥ 14000 | 52.4 | 52.5 | 52.5 | 52.5 | 52.6 | 52.6 | 52.6 | 52.6 | 52.7 | 52.7 | 52.7 | 52.7 | 52.8 | 52.8 | 52.8 | 52.9 |
| ≥ 12000 | 54.9 | 55.0 | 55.0 | 55.0 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.2 | 55.2 | 55.2 | 55.3 | 55.3 | 55.4 | 55.4 |
| ≥ 10000 | 58.8 | 58.9 | 59.0 | 59.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.2 | 59.2 | 59.3 | 59.3 | 59.3 | 59.4 |
| ≥ 9000 | 62.1 | 62.2 | 62.3 | 62.3 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.5 | 62.5 | 62.6 | 62.6 | 62.6 | 62.7 |
| ≥ 8000 | 65.1 | 65.2 | 65.2 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.4 | 65.4 | 65.4 | 65.5 | 65.5 | 65.6 | 65.6 |
| ≥ 7000 | 69.0 | 69.1 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.3 | 69.3 | 69.3 | 69.4 | 69.4 | 69.4 | 69.5 | 69.5 |
| ≥ 6000 | 74.1 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.6 | 74.6 | 74.7 | 74.7 | 74.7 | 74.8 |
| ≥ 5000 | 81.4 | 81.6 | 81.7 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 82.0 | 82.0 | 82.0 | 82.2 | 82.2 | 82.2 | 82.3 |
| ≥ 4500 | 84.2 | 84.6 | 84.7 | 84.7 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 85.0 | 85.0 | 85.1 | 85.2 | 85.2 | 85.3 |
| ≥ 4000 | 87.4 | 87.8 | 87.9 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.2 | 88.2 | 88.3 | 88.4 | 88.4 | 88.4 | 88.5 |
| ≥ 3500 | 90.2 | 90.8 | 90.9 | 90.9 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.3 | 90.3 | 90.4 | 90.5 | 90.5 | 90.6 |
| ≥ 3000 | 91.7 | 91.9 | 91.9 | 91.9 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.8 | 91.9 | 91.9 | 92.0 | 92.0 | 92.1 | 92.2 |
| ≥ 2500 | 93.1 | 93.3 | 93.3 | 93.3 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.6 | 93.6 | 93.7 | 93.8 |
| ≥ 2000 | 94.1 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.3 | 94.4 | 94.4 | 94.4 | 94.5 | 94.5 | 94.6 | 94.7 | 94.7 | 94.8 |
| ≥ 1800 | 95.1 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.5 | 95.5 | 95.6 | 95.6 |
| ≥ 1500 | 96.1 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.5 | 96.5 | 96.6 | 96.6 |
| ≥ 1200 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 |
| ≥ 1000 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.6 | 98.6 |
| ≥ 900 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 |
| ≥ 800 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 |
| ≥ 700 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 |
| ≥ 600 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 |
| ≥ 500 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 |
| ≥ 400 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 |
| ≥ 300 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 |
| ≥ 200 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 |
| ≥ 100 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 |
| ≥ 0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 |

TOTAL NUMBER OF OBSERVATIONS

7440

USAF ETAC

0-14-5 (OL 1) PREPARED BY THE DATA PROCESSING DIVISION

2

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/AC

CEILING VERSUS VISIBILITY

452/5
STATIONPRINCE GEORGE C-131 APT
STATION NAME

57-66

YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

LL

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|------|-------|-------|------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.2 | ≥1 | ≥0.75 | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.1 | ≥0.05 |
| NO CEILING | 42.4 | 43.0 | 43.0 | 43.0 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.2 | 43.2 | 43.2 | 43.2 | 43.3 | 43.4 |
| ≥ 20000 | 43.4 | 43.4 | 43.4 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 |
| ≥ 18000 | 48.6 | 48.6 | 48.7 | 48.7 | 48.7 | 48.7 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.9 | 48.9 | 48.9 |
| ≥ 16000 | 49.4 | 49.4 | 49.4 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.6 | 49.6 | 49.7 | 49.7 | 49.7 |
| ≥ 14000 | 51.1 | 51.2 | 51.2 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.4 | 51.4 | 51.4 | 51.5 | 51.5 | 51.6 |
| ≥ 12000 | 54.3 | 54.3 | 54.4 | 54.4 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.6 | 54.6 | 54.7 | 54.7 | 54.8 |
| ≥ 10000 | 59.9 | 60.0 | 60.1 | 60.1 | 60.1 | 60.1 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.3 | 60.3 | 60.4 | 60.5 |
| ≥ 9000 | 64.6 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.9 | 64.9 | 64.9 | 65.0 | 65.1 | 65.2 |
| ≥ 8000 | 68.1 | 68.2 | 68.2 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.4 | 68.4 | 68.5 | 68.5 | 68.6 | 68.7 |
| ≥ 7000 | 71.8 | 71.8 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.1 | 72.1 | 72.2 | 72.3 | 72.3 | 72.4 |
| ≥ 6000 | 76.4 | 76.5 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.8 | 76.8 | 76.9 | 77.0 | 77.0 | 77.1 |
| ≥ 5000 | 83.2 | 83.4 | 83.6 | 83.6 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.9 | 83.9 | 84.0 | 84.1 |
| ≥ 4500 | 87.0 | 87.3 | 87.4 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.6 | 87.6 | 87.8 | 87.8 | 87.9 | 87.9 |
| ≥ 4000 | 90.5 | 90.9 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.5 | 91.5 | 91.6 | 91.7 |
| ≥ 3500 | 92.1 | 92.5 | 92.8 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 | 93.1 | 93.2 | 93.3 | 93.3 |
| ≥ 3000 | 93.2 | 93.4 | 93.6 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.9 | 93.9 | 94.0 | 94.0 | 94.1 | 94.1 |
| ≥ 2500 | 94.2 | 94.4 | 94.6 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.9 | 94.9 | 95.0 | 95.0 | 95.1 | 95.1 |
| ≥ 2000 | 94.9 | 95.0 | 95.1 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 | 95.5 | 95.5 | 95.6 | 95.6 |
| ≥ 1800 | 95.2 | 95.3 | 95.4 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.8 | 95.8 | 95.9 | 95.9 |
| ≥ 1500 | 95.6 | 95.7 | 95.8 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.2 | 96.2 | 96.3 | 96.3 |
| ≥ 1200 | 95.9 | 96.0 | 96.1 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.4 | 96.4 | 96.5 | 96.5 | 96.6 | 96.6 |
| ≥ 1000 | 96.1 | 96.2 | 96.3 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 | 96.7 | 96.7 | 96.8 | 96.8 |
| ≥ 900 | 96.1 | 96.2 | 96.3 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 | 96.7 | 96.7 | 96.8 | 96.8 |
| ≥ 800 | 96.2 | 96.3 | 96.4 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.7 | 96.7 | 96.8 | 96.8 | 96.9 | 96.9 |
| ≥ 700 | 96.3 | 96.4 | 96.5 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.9 | 96.9 | 97.0 | 97.0 |
| ≥ 600 | 96.4 | 96.5 | 96.6 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 97.0 | 97.0 | 97.1 | 97.1 |
| ≥ 500 | 96.4 | 96.5 | 96.6 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 97.0 | 97.0 | 97.1 | 97.1 |
| ≥ 400 | 96.4 | 96.5 | 96.6 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 97.0 | 97.0 | 97.1 | 97.1 |
| ≥ 300 | 96.5 | 96.6 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.1 | 97.1 | 97.2 | 97.2 |
| ≥ 200 | 96.5 | 96.6 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.1 | 97.1 | 97.2 | 97.2 |
| ≥ 100 | 96.5 | 96.6 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.1 | 97.1 | 97.2 | 97.2 |
| ≥ 50 | 96.5 | 96.6 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.1 | 97.1 | 97.2 | 97.2 |

TOTAL NUMBER OF OBSERVATIONS

7200

USAF ETAC 0-14.5 OLI

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AL

CEILING VERSUS VISIBILITY

752255 PRINCE GEORGE A/C OUT APT

57-65

YEAR

ALL

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|------|------|------|------|------|-------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .5 | ≥ .3 | ≥ .2 | ≥ .1 | ≥ .05 | ≥ .03 | ≥ 0 |
| NO CEILING | 43.4 | 40.1 | 44.1 | 49.3 | 44.4 | 49.3 | 49.3 | 49.3 | 49.3 | 49.4 | 49.4 | 49.4 | 49.4 | 49.6 | 43.6 | 49.7 |
| ≥ 20000 | 53.6 | 53.3 | 53.3 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.6 | 53.7 | 53.7 | 53.7 | 53.8 | 51.4 | 54.7 |
| IV 18000 | 52.9 | 53.6 | 53.6 | 53.6 | 53.7 | 53.7 | 53.7 | 53.7 | 53.9 | 53.9 | 54.0 | 54.0 | 54.0 | 54.1 | 54.2 | 54.2 |
| IV 16000 | 53.5 | 54.2 | 54.2 | 54.4 | 54.4 | 54.4 | 54.5 | 54.5 | 54.5 | 54.5 | 54.6 | 54.6 | 54.6 | 54.7 | 54.7 | 54.9 |
| IV 14000 | 55.8 | 56.5 | 56.5 | 56.7 | 56.7 | 56.7 | 56.8 | 56.8 | 56.8 | 56.8 | 56.9 | 56.9 | 56.9 | 57.0 | 57.1 | 57.2 |
| IV 12000 | 60.1 | 60.7 | 60.7 | 60.7 | 60.7 | 61.0 | 61.0 | 61.0 | 61.0 | 61.1 | 61.1 | 61.1 | 61.1 | 61.3 | 61.3 | 61.5 |
| IV 10000 | 65.1 | 65.8 | 65.8 | 66.0 | 66.0 | 66.0 | 66.1 | 66.1 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.4 | 66.4 | 66.6 |
| IV 9000 | 68.4 | 69.1 | 69.1 | 69.4 | 69.4 | 69.4 | 69.5 | 69.5 | 69.5 | 69.5 | 69.6 | 69.6 | 69.6 | 69.8 | 69.8 | 70.1 |
| IV 8000 | 72.3 | 73.0 | 73.0 | 73.2 | 73.3 | 73.3 | 73.4 | 73.4 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.7 | 73.7 | 74.1 |
| IV 7000 | 75.6 | 76.4 | 76.4 | 76.7 | 76.7 | 76.7 | 76.8 | 76.8 | 76.8 | 76.9 | 77.0 | 77.0 | 77.0 | 77.1 | 77.2 | 77.5 |
| IV 6000 | 79.5 | 80.3 | 80.4 | 80.6 | 80.7 | 80.7 | 80.8 | 80.8 | 80.8 | 80.9 | 81.0 | 81.0 | 81.0 | 81.1 | 81.2 | 81.4 |
| IV 5000 | 85.2 | 85.1 | 85.2 | 85.5 | 85.5 | 85.5 | 85.6 | 85.6 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 86.0 | 86.0 | 87.4 |
| IV 4500 | 88.0 | 89.0 | 89.1 | 89.4 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.6 | 89.7 | 89.8 | 89.8 | 89.9 | 90.0 | 90.3 |
| IV 4000 | 91.7 | 91.8 | 91.9 | 92.3 | 92.3 | 92.4 | 92.5 | 92.5 | 92.5 | 92.6 | 92.7 | 92.7 | 92.7 | 92.9 | 93.1 | 93.2 |
| IV 3500 | 93.9 | 94.1 | 94.3 | 94.7 | 94.7 | 94.8 | 94.9 | 94.9 | 94.9 | 95.0 | 95.1 | 95.2 | 95.2 | 95.3 | 95.5 | 95.6 |
| IV 3000 | 95.4 | 95.4 | 95.4 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 96.0 | 96.1 | 96.2 | 96.2 | 96.3 | 96.5 | 96.7 |
| IV 2500 | 96.5 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.1 | 97.2 | 97.2 | 97.2 | 97.3 | 97.5 | 97.6 |
| IV 2000 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 98.1 | 98.2 |
| IV 1800 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 98.1 | 98.2 |
| IV 1500 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 98.1 | 98.2 |
| IV 1200 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 98.1 | 98.2 |
| IV 1000 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 98.1 | 98.2 |
| IV 900 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 98.1 | 98.2 |
| IV 800 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 98.1 | 98.2 |
| IV 700 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 98.1 | 98.2 |
| IV 600 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 98.1 | 98.2 |
| IV 500 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 98.1 | 98.2 |
| IV 400 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 98.1 | 98.2 |
| IV 300 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 98.1 | 98.2 |
| IV 200 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 98.1 | 98.2 |
| IV 100 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 98.1 | 98.2 |
| IV 0 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 98.1 | 98.2 |

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC FORM 1-64 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRECISION DIVISION
USAF ETAC
AIR ENTREPOT OFFICE, AG

CEILING VERSUS VISIBILITY

25210 - PAPER 68-761 - 10-11-68 57-66

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

LL

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|-------|-------|-------|-------|-------|--------|-------|--------|--------|-------|--------|--------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.0 | ≥ 0.75 | ≥ 0.5 | ≥ 0.25 | ≥ 0.15 | ≥ 0.1 | ≥ 0.05 | ≥ 0.02 |
| NO CEILING | 42.5 | 43.0 | 43.3 | 43.7 | 44.1 | 44.1 | 44.4 | 44.7 | 44.5 | 45.0 | 45.2 | 45.1 | 45.4 | 45.4 | 45.7 | 45.1 |
| ≥ 20000 | 45.9 | 46.3 | 46.6 | 47.1 | 47.4 | 47.4 | 47.8 | 47.9 | 47.7 | 48.4 | 48.6 | 48.5 | 48.8 | 48.8 | 49.1 | 49.1 |
| ≥ 18000 | 46.0 | 46.5 | 46.8 | 47.2 | 47.6 | 47.8 | 47.9 | 48.1 | 48.1 | 48.6 | 48.6 | 48.8 | 49.0 | 49.0 | 49.2 | 49.5 |
| ≥ 16000 | 46.8 | 47.2 | 47.5 | 47.9 | 48.1 | 48.4 | 48.7 | 48.8 | 48.8 | 49.3 | 49.3 | 49.5 | 49.7 | 49.7 | 50.0 | 50.2 |
| ≥ 14000 | 48.5 | 49.0 | 49.3 | 49.7 | 50.1 | 50.1 | 50.5 | 50.6 | 50.6 | 51.1 | 51.3 | 51.3 | 51.5 | 51.5 | 51.8 | 52.0 |
| ≥ 12000 | 51.0 | 51.5 | 51.8 | 52.2 | 52.6 | 52.7 | 53.1 | 53.2 | 53.2 | 53.8 | 53.9 | 54.0 | 54.1 | 54.2 | 54.4 | 54.7 |
| ≥ 10000 | 54.8 | 55.3 | 55.6 | 56.1 | 56.4 | 56.5 | 56.9 | 57.0 | 57.0 | 57.6 | 57.6 | 57.8 | 58.0 | 58.0 | 58.3 | 58.5 |
| ≥ 9000 | 57.7 | 58.2 | 58.5 | 59.1 | 59.4 | 59.4 | 59.8 | 60.0 | 60.0 | 60.5 | 60.7 | 60.8 | 60.9 | 61.0 | 61.2 | 61.5 |
| ≥ 8000 | 61.4 | 61.9 | 62.2 | 62.7 | 63.2 | 63.2 | 63.6 | 63.8 | 63.8 | 64.3 | 64.6 | 64.6 | 64.8 | 64.8 | 65.1 | 65.4 |
| ≥ 7000 | 66.7 | 66.6 | 66.9 | 67.4 | 67.9 | 68.1 | 68.3 | 68.3 | 68.5 | 69.1 | 69.3 | 69.4 | 69.5 | 69.6 | 69.8 | 70.2 |
| ≥ 6000 | 73.3 | 73.9 | 74.3 | 74.8 | 75.3 | 75.3 | 75.7 | 75.9 | 75.9 | 76.5 | 76.7 | 76.8 | 77.0 | 77.0 | 77.3 | 77.6 |
| ≥ 5000 | 75.3 | 75.1 | 75.5 | 76.0 | 76.5 | 76.5 | 76.9 | 77.2 | 77.2 | 77.7 | 77.9 | 78.0 | 78.2 | 78.2 | 78.5 | 78.8 |
| ≥ 4500 | 79.2 | 79.8 | 80.2 | 80.7 | 81.2 | 81.3 | 81.7 | 81.9 | 81.9 | 82.5 | 82.7 | 82.8 | 83.0 | 83.1 | 83.4 | 83.8 |
| ≥ 4000 | 82.9 | 83.9 | 84.4 | 85.1 | 85.6 | 85.6 | 86.1 | 86.3 | 86.3 | 86.9 | 87.1 | 87.2 | 87.4 | 87.5 | 87.8 | 88.1 |
| ≥ 3500 | 84.7 | 85.8 | 86.3 | 86.9 | 87.4 | 87.5 | 88.0 | 88.2 | 88.2 | 88.8 | 89.0 | 89.1 | 89.3 | 89.4 | 89.7 | 90.0 |
| ≥ 3000 | 86.6 | 87.8 | 88.3 | 88.9 | 89.5 | 89.6 | 90.1 | 90.3 | 90.3 | 90.8 | 91.1 | 91.2 | 91.4 | 91.5 | 91.8 | 92.1 |
| ≥ 2500 | 7.9 | 89.3 | 89.8 | 90.5 | 91.1 | 91.1 | 91.6 | 91.8 | 91.9 | 92.4 | 92.7 | 92.7 | 93.0 | 93.1 | 93.3 | 93.7 |
| ≥ 2000 | 8.7 | 90.2 | 90.8 | 91.6 | 92.2 | 92.2 | 92.7 | 92.9 | 93.0 | 93.5 | 93.8 | 93.8 | 94.1 | 94.2 | 94.4 | 94.8 |
| ≥ 1800 | 9.9 | 93.7 | 94.3 | 95.0 | 95.6 | 95.6 | 96.1 | 96.3 | 96.3 | 96.8 | 97.1 | 97.1 | 97.4 | 97.5 | 97.7 | 98.1 |
| ≥ 1500 | 9.8 | 94.5 | 95.1 | 95.8 | 96.4 | 96.4 | 96.9 | 97.2 | 97.2 | 97.7 | 98.0 | 98.0 | 98.3 | 98.4 | 98.6 | 99.0 |
| ≥ 1200 | 10.2 | 95.3 | 95.9 | 96.6 | 97.2 | 97.2 | 97.7 | 98.0 | 98.0 | 98.5 | 98.8 | 98.8 | 99.1 | 99.2 | 99.4 | 99.8 |
| ≥ 1000 | 10.4 | 96.4 | 97.0 | 97.7 | 98.3 | 98.3 | 98.8 | 99.1 | 99.1 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 10.6 | 97.9 | 98.5 | 99.2 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 10.7 | 98.0 | 98.6 | 99.3 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 10.8 | 98.2 | 98.8 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 10.9 | 98.3 | 98.9 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 11.0 | 98.4 | 99.0 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 11.0 | 98.5 | 99.1 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 11.0 | 98.5 | 99.1 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 11.0 | 98.5 | 99.1 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 11.0 | 98.5 | 99.1 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 11.0 | 98.5 | 99.1 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

7447

USAF ETAC 0-14-51011 PREPARED BY: [REDACTED]

ATA PRO-CESSOR DIVISION
USAF ETAC
AIR CRAFT SERVICE/AC

CEILING VERSUS VISIBILITY

22200
STATION

PERCENT FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

57-66

HEAD

11
OFFICE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING ≥ 20000 | 44.0 | 44.2 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 |
| ≥ 18000 | 44.3 | 44.4 | 44.5 | 44.7 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 |
| ≥ 16000 | 45.0 | 45.1 | 45.2 | 45.4 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 |
| IV 14000 | 47.3 | 47.5 | 47.6 | 47.7 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 |
| IV 12000 | 51.9 | 51.9 | 51.1 | 51.3 | 51.4 | 51.4 | 51.3 | 51.0 | 51.6 | 51.4 | 52.2 | 52.3 | 53.0 | 53.2 | 53.7 | 54.5 |
| IV 10000 | 55.4 | 55.6 | 55.7 | 55.8 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 |
| IV 9000 | 58.5 | 58.7 | 58.8 | 58.9 | 59.1 | 59.1 | 59.3 | 59.4 | 59.4 | 59.7 | 60.0 | 60.1 | 60.6 | 61.3 | 61.5 | 62.4 |
| IV 8000 | 62.4 | 62.5 | 62.7 | 62.9 | 63.0 | 63.0 | 63.1 | 63.1 | 63.3 | 63.6 | 63.9 | 64.0 | 64.7 | 64.9 | 65.3 | 66.1 |
| IV 7000 | 67.3 | 67.6 | 67.8 | 68.0 | 68.1 | 68.1 | 68.3 | 68.4 | 68.5 | 68.8 | 69.1 | 69.2 | 69.9 | 70.1 | 70.7 | 71.1 |
| IV 6000 | 71.8 | 71.1 | 71.3 | 71.6 | 71.7 | 71.7 | 71.9 | 72.0 | 72.1 | 72.4 | 72.7 | 72.8 | 73.6 | 73.8 | 74.4 | 75.3 |
| IV 5000 | 77.2 | 77.7 | 77.9 | 78.3 | 78.4 | 78.4 | 78.6 | 78.8 | 78.8 | 79.1 | 79.3 | 79.5 | 80.4 | 80.8 | 81.2 | 82.1 |
| IV 4500 | 80.0 | 80.6 | 80.8 | 81.2 | 81.4 | 81.4 | 81.7 | 81.8 | 81.8 | 82.2 | 82.6 | 82.7 | 83.5 | 83.7 | 84.3 | 85.0 |
| IV 4000 | 83.7 | 83.5 | 83.9 | 84.3 | 84.5 | 84.5 | 84.8 | 85.0 | 85.0 | 85.4 | 85.6 | 85.8 | 86.7 | 86.9 | 87.5 | 88.4 |
| IV 3500 | 84.3 | 85.1 | 85.4 | 85.8 | 86.0 | 86.1 | 86.3 | 86.5 | 86.5 | 86.9 | 87.3 | 87.4 | 88.2 | 88.4 | 89.1 | 90.0 |
| IV 3000 | 85.4 | 85.7 | 86.0 | 86.4 | 86.7 | 86.7 | 86.8 | 87.0 | 87.2 | 87.6 | 88.0 | 88.1 | 88.9 | 89.1 | 90.0 | 91.0 |
| IV 2500 | 86.4 | 86.7 | 87.0 | 87.3 | 87.6 | 87.6 | 87.8 | 88.0 | 88.2 | 88.6 | 88.9 | 89.0 | 89.9 | 90.3 | 91.2 | 92.0 |
| IV 2000 | 87.5 | 87.8 | 88.1 | 88.4 | 88.7 | 88.7 | 89.0 | 89.3 | 89.5 | 89.9 | 90.3 | 90.4 | 90.3 | 91.2 | 91.4 | 92.0 |
| IV 1800 | 87.9 | 88.2 | 88.5 | 88.8 | 89.1 | 89.1 | 89.4 | 89.7 | 90.0 | 90.4 | 90.5 | 90.9 | 91.2 | 91.4 | 92.2 | 93.0 |
| IV 1500 | 88.7 | 89.0 | 89.3 | 89.6 | 89.9 | 89.9 | 90.2 | 90.5 | 90.8 | 91.1 | 91.5 | 91.9 | 92.3 | 92.4 | 93.2 | 94.0 |
| IV 1200 | 88.8 | 89.1 | 89.4 | 89.7 | 90.0 | 90.0 | 90.3 | 90.6 | 90.9 | 91.3 | 91.6 | 91.7 | 92.6 | 92.8 | 93.4 | 94.3 |
| IV 1000 | 88.8 | 89.1 | 89.4 | 89.7 | 90.0 | 90.0 | 90.3 | 90.6 | 90.9 | 91.3 | 91.6 | 91.7 | 92.6 | 92.8 | 93.4 | 94.3 |
| IV 900 | 88.8 | 89.1 | 89.4 | 89.7 | 90.0 | 90.0 | 90.3 | 90.6 | 90.9 | 91.3 | 91.6 | 91.7 | 92.6 | 92.8 | 93.4 | 94.3 |
| IV 800 | 88.8 | 89.1 | 89.4 | 89.7 | 90.0 | 90.0 | 90.3 | 90.6 | 90.9 | 91.3 | 91.6 | 91.7 | 92.6 | 92.8 | 93.4 | 94.3 |
| IV 700 | 88.8 | 89.1 | 89.4 | 89.7 | 90.0 | 90.0 | 90.3 | 90.6 | 90.9 | 91.3 | 91.6 | 91.7 | 92.6 | 92.8 | 93.4 | 94.3 |
| IV 600 | 88.8 | 89.1 | 89.4 | 89.7 | 90.0 | 90.0 | 90.3 | 90.6 | 90.9 | 91.3 | 91.6 | 91.7 | 92.6 | 92.8 | 93.4 | 94.3 |
| IV 500 | 88.8 | 89.1 | 89.4 | 89.7 | 90.0 | 90.0 | 90.3 | 90.6 | 90.9 | 91.3 | 91.6 | 91.7 | 92.6 | 92.8 | 93.4 | 94.3 |
| IV 400 | 88.8 | 89.1 | 89.4 | 89.7 | 90.0 | 90.0 | 90.3 | 90.6 | 90.9 | 91.3 | 91.6 | 91.7 | 92.6 | 92.8 | 93.4 | 94.3 |
| IV 300 | 88.8 | 89.1 | 89.4 | 89.7 | 90.0 | 90.0 | 90.3 | 90.6 | 90.9 | 91.3 | 91.6 | 91.7 | 92.6 | 92.8 | 93.4 | 94.3 |
| IV 200 | 88.8 | 89.1 | 89.4 | 89.7 | 90.0 | 90.0 | 90.3 | 90.6 | 90.9 | 91.3 | 91.6 | 91.7 | 92.6 | 92.8 | 93.4 | 94.3 |
| IV 100 | 88.8 | 89.1 | 89.4 | 89.7 | 90.0 | 90.0 | 90.3 | 90.6 | 90.9 | 91.3 | 91.6 | 91.7 | 92.6 | 92.8 | 93.4 | 94.3 |
| IV 0 | 88.8 | 89.1 | 89.4 | 89.7 | 90.0 | 90.0 | 90.3 | 90.6 | 90.9 | 91.3 | 91.6 | 91.7 | 92.6 | 92.8 | 93.4 | 94.3 |

TOTAL NUMBER OF OBSERVATIONS

1230

USAF ETAC

FORM

0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE DIVISION
USAF ETAC
AIR FORCE ENGINEERING

CEILING VERSUS VISIBILITY

1. TITLE: AIR FORCE ENGINEERING DIVISION

57-65

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

LL

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|------|-------|--------|-------|--------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 | ≥0.005 |
| NO CEILING | 32.2 | 32.4 | 32.5 | 32.6 | 32.7 | 32.7 | 32.8 | 32.9 | 33.0 | 33.1 | 33.2 | 33.3 | 33.4 | 33.5 | 33.6 | 33.7 |
| ≥ 20000 | 30.2 | 30.3 | 30.4 | 30.5 | 30.6 | 30.7 | 30.8 | 30.9 | 31.0 | 31.1 | 31.2 | 31.3 | 31.4 | 31.5 | 31.6 | 31.7 |
| IV 18000 | 26.5 | 26.7 | 26.9 | 27.1 | 27.3 | 27.4 | 27.5 | 27.6 | 27.7 | 27.8 | 27.9 | 28.0 | 28.1 | 28.2 | 28.3 | 28.4 |
| IV 16000 | 27.4 | 27.6 | 27.7 | 27.8 | 27.9 | 28.0 | 28.1 | 28.2 | 28.3 | 28.4 | 28.5 | 28.6 | 28.7 | 28.8 | 28.9 | 29.0 |
| IV 14000 | 29.9 | 30.2 | 30.3 | 30.4 | 30.5 | 30.6 | 30.7 | 30.8 | 30.9 | 31.0 | 31.1 | 31.2 | 31.3 | 31.4 | 31.5 | 31.6 |
| IV 12000 | 33.9 | 34.2 | 34.3 | 34.4 | 34.5 | 34.6 | 34.7 | 34.8 | 34.9 | 35.0 | 35.1 | 35.2 | 35.3 | 35.4 | 35.5 | 35.6 |
| IV 10000 | 35.3 | 35.5 | 35.7 | 35.8 | 35.9 | 36.0 | 36.1 | 36.2 | 36.3 | 36.4 | 36.5 | 36.6 | 36.7 | 36.8 | 36.9 | 37.0 |
| IV 9000 | 35.9 | 36.0 | 36.1 | 36.2 | 36.3 | 36.4 | 36.5 | 36.6 | 36.7 | 36.8 | 36.9 | 37.0 | 37.1 | 37.2 | 37.3 | 37.4 |
| IV 8000 | 37.9 | 38.2 | 38.3 | 38.4 | 38.5 | 38.6 | 38.7 | 38.8 | 38.9 | 39.0 | 39.1 | 39.2 | 39.3 | 39.4 | 39.5 | 39.6 |
| IV 7000 | 36.3 | 36.7 | 36.8 | 36.9 | 37.0 | 37.1 | 37.2 | 37.3 | 37.4 | 37.5 | 37.6 | 37.7 | 37.8 | 37.9 | 38.0 | 38.1 |
| IV 6000 | 67.5 | 67.9 | 68.0 | 68.1 | 68.2 | 68.3 | 68.4 | 68.5 | 68.6 | 68.7 | 68.8 | 68.9 | 69.0 | 69.1 | 69.2 | 69.3 |
| IV 5000 | 72.6 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 | 73.7 | 73.8 | 73.9 | 74.0 | 74.1 | 74.2 | 74.3 | 74.4 | 74.5 |
| IV 4500 | 75.5 | 76.1 | 76.2 | 76.3 | 76.4 | 76.5 | 76.6 | 76.7 | 76.8 | 76.9 | 77.0 | 77.1 | 77.2 | 77.3 | 77.4 | 77.5 |
| IV 4000 | 79.2 | 80.0 | 80.1 | 80.2 | 80.3 | 80.4 | 80.5 | 80.6 | 80.7 | 80.8 | 80.9 | 81.0 | 81.1 | 81.2 | 81.3 | 81.4 |
| IV 3500 | 81.8 | 81.7 | 82.0 | 82.1 | 82.2 | 82.3 | 82.4 | 82.5 | 82.6 | 82.7 | 82.8 | 82.9 | 83.0 | 83.1 | 83.2 | 83.3 |
| IV 3000 | 82.2 | 83.4 | 83.7 | 84.0 | 84.1 | 84.2 | 84.3 | 84.4 | 84.5 | 84.6 | 84.7 | 84.8 | 84.9 | 85.0 | 85.1 | 85.2 |
| IV 2500 | 84.2 | 84.6 | 85.0 | 85.1 | 85.2 | 85.3 | 85.4 | 85.5 | 85.6 | 85.7 | 85.8 | 85.9 | 86.0 | 86.1 | 86.2 | 86.3 |
| IV 2000 | 84.3 | 85.0 | 85.7 | 86.2 | 86.3 | 86.4 | 86.5 | 86.6 | 86.7 | 86.8 | 86.9 | 87.0 | 87.1 | 87.2 | 87.3 | 87.4 |
| IV 1800 | 85.5 | 86.6 | 87.2 | 87.7 | 87.8 | 87.9 | 88.0 | 88.1 | 88.2 | 88.3 | 88.4 | 88.5 | 88.6 | 88.7 | 88.8 | 88.9 |
| IV 1500 | 85.1 | 87.4 | 88.1 | 88.6 | 89.4 | 89.4 | 89.5 | 89.6 | 89.7 | 89.8 | 89.9 | 90.0 | 90.1 | 90.2 | 90.3 | 90.4 |
| IV 1200 | 85.5 | 88.2 | 88.9 | 89.7 | 90.4 | 90.4 | 90.5 | 91.0 | 91.1 | 91.2 | 91.3 | 91.4 | 91.5 | 91.6 | 91.7 | 91.8 |
| IV 1000 | 85.9 | 88.6 | 89.4 | 90.2 | 90.9 | 91.0 | 91.1 | 91.4 | 91.6 | 91.7 | 91.8 | 91.9 | 92.0 | 92.1 | 92.2 | 92.3 |
| IV 900 | 86.0 | 88.8 | 89.6 | 90.4 | 91.2 | 91.2 | 91.7 | 91.9 | 92.0 | 92.1 | 92.2 | 92.3 | 92.4 | 92.5 | 92.6 | 92.7 |
| IV 800 | 86.2 | 89.1 | 90.0 | 90.9 | 91.7 | 91.8 | 92.2 | 92.5 | 92.6 | 92.7 | 92.8 | 92.9 | 93.0 | 93.1 | 93.2 | 93.3 |
| IV 700 | 86.3 | 89.4 | 90.3 | 91.3 | 92.2 | 92.2 | 92.7 | 92.9 | 93.0 | 93.1 | 93.2 | 93.3 | 93.4 | 93.5 | 93.6 | 93.7 |
| IV 600 | 86.4 | 89.6 | 90.5 | 91.5 | 92.4 | 92.4 | 93.0 | 93.2 | 93.3 | 93.4 | 93.5 | 93.6 | 93.7 | 93.8 | 93.9 | 94.0 |
| IV 500 | 86.5 | 89.8 | 90.8 | 92.0 | 92.9 | 92.9 | 93.5 | 93.7 | 93.8 | 93.9 | 94.0 | 94.1 | 94.2 | 94.3 | 94.4 | 94.5 |
| IV 400 | 86.6 | 89.9 | 91.0 | 92.2 | 93.1 | 93.2 | 93.8 | 94.1 | 94.2 | 94.3 | 94.4 | 94.5 | 94.6 | 94.7 | 94.8 | 94.9 |
| IV 300 | 86.7 | 90.0 | 91.1 | 92.3 | 93.3 | 93.3 | 94.0 | 94.3 | 94.4 | 94.5 | 94.6 | 94.7 | 94.8 | 94.9 | 95.0 | 95.1 |
| IV 200 | 86.7 | 90.1 | 91.2 | 92.4 | 93.4 | 93.5 | 94.2 | 94.6 | 94.7 | 94.8 | 94.9 | 95.0 | 95.1 | 95.2 | 95.3 | 95.4 |
| IV 100 | 86.7 | 90.1 | 91.2 | 92.4 | 93.5 | 93.6 | 94.3 | 94.8 | 94.9 | 95.0 | 95.1 | 95.2 | 95.3 | 95.4 | 95.5 | 95.6 |
| IV 0 | 86.7 | 90.1 | 91.2 | 92.4 | 93.5 | 93.6 | 94.3 | 94.8 | 95.0 | 95.1 | 95.2 | 95.3 | 95.4 | 95.5 | 95.6 | 95.7 |

TOTAL NUMBER OF OBSERVATIONS

7440

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .1 | ≥ .05 | ≥ .01 | ≥ 0 |
| NO CEILING | 26.3 | 26.0 | 26.7 | 26.0 | 25.9 | 25.9 | 26.9 | 26.9 | 26.9 | 27.0 | 27.2 | 27.2 | 27.2 | 27.2 | 27.2 | 27.7 |
| ≥ 25000 | 29.3 | 29.3 | 29.6 | 29.3 | 29.3 | 29.3 | 29.7 | 29.7 | 29.7 | 29.7 | 29.8 | 30.0 | 30.0 | 30.0 | 30.0 | 30.5 |
| ≥ 18000 | 29.4 | 29.7 | 29.3 | 29.4 | 30.0 | 30.0 | 30.0 | 30.1 | 30.1 | 30.1 | 30.2 | 30.4 | 30.4 | 30.7 | 30.7 | 31.0 |
| ≥ 15000 | 30.3 | 30.5 | 30.7 | 30.0 | 30.0 | 30.0 | 30.0 | 31.0 | 31.0 | 31.0 | 31.1 | 31.3 | 31.3 | 31.3 | 31.3 | 31.0 |
| ≥ 14000 | 32.2 | 32.5 | 32.5 | 32.7 | 32.7 | 32.7 | 32.6 | 32.0 | 32.0 | 32.0 | 32.9 | 33.1 | 33.1 | 33.4 | 33.4 | 33.7 |
| ≥ 12000 | 33.7 | 33.5 | 33.0 | 33.7 | 33.5 | 33.5 | 33.5 | 33.5 | 33.5 | 33.5 | 33.6 | 33.6 | 33.6 | 33.6 | 33.6 | 33.7 |
| ≥ 10000 | 40.5 | 40.7 | 41.0 | 41.1 | 41.2 | 41.2 | 41.3 | 41.3 | 41.3 | 41.3 | 41.5 | 41.7 | 41.7 | 41.9 | 42.0 | 42.2 |
| ≥ 9000 | 43.8 | 44.2 | 44.4 | 44.5 | 44.5 | 44.7 | 44.7 | 44.7 | 44.8 | 44.8 | 44.9 | 45.1 | 45.1 | 45.4 | 45.4 | 45.7 |
| ≥ 8000 | 47.3 | 47.9 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 |
| ≥ 7000 | 53.3 | 53.3 | 53.3 | 54.1 | 54.3 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 |
| ≥ 6000 | 55.2 | 55.5 | 55.6 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 |
| ≥ 5000 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| ≥ 4500 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| ≥ 4000 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| ≥ 3500 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| ≥ 3000 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| ≥ 2500 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| ≥ 2000 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 1800 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 1500 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 1200 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 1000 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 900 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 800 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 700 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 600 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 500 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

744

USAF ETAC 0-14-5-OL-1

DATA PREPARED BY: DIVISION
 555 LTR
 17 EAST ON HIGHWAY 40

CEILING VERSUS VISIBILITY

252.00 PERCENT OF OCCURRENCE OF 200

57-65

YEAR

WIND

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1000-0300

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|-------|------|------|------|------|-------|--------|---------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.25 | ≥1 | ≥.75 | ≥.5 | ≥.25 | ≥.125 | ≥.0625 | ≥.03125 |
| NO CEILING | 30.1 | 30.5 | 30.0 | 31.1 | 31.1 | 31.2 | 31.5 | 31.7 | 31.5 | 31.5 | 31.6 | 31.9 | 31.9 | 31.4 | 32.4 | 32.5 |
| ≥ 20000 | 30.7 | 32.3 | 32.4 | 32.7 | 32.7 | 32.5 | 33.2 | 33.2 | 33.2 | 33.2 | 33.3 | 33.4 | 33.4 | 33.7 | 34.1 | 34.5 |
| ≥ 18000 | 31.2 | 32.4 | 32.5 | 32.7 | 32.7 | 33.0 | 33.3 | 33.3 | 33.3 | 33.3 | 33.4 | 33.4 | 33.4 | 33.6 | 34.0 | 34.6 |
| ≥ 16000 | 32.2 | 32.5 | 32.7 | 33.0 | 33.1 | 33.2 | 33.3 | 33.3 | 33.3 | 33.5 | 33.5 | 33.7 | 33.7 | 34.0 | 34.2 | 34.7 |
| ≥ 14000 | 33.4 | 34.1 | 34.1 | 34.4 | 34.5 | 34.5 | 34.5 | 34.5 | 34.9 | 34.9 | 34.9 | 35.1 | 35.1 | 35.4 | 35.7 | 36.2 |
| ≥ 12000 | 35.4 | 36.5 | 36.6 | 36.9 | 37.0 | 37.1 | 37.2 | 37.2 | 37.5 | 37.5 | 37.5 | 37.6 | 37.6 | 37.9 | 38.3 | 38.8 |
| ≥ 10000 | 39.0 | 41.1 | 40.2 | 40.5 | 40.6 | 41.0 | 41.3 | 41.3 | 41.3 | 41.3 | 41.4 | 41.4 | 41.4 | 41.7 | 42.1 | 42.7 |
| ≥ 9000 | 41.9 | 42.5 | 42.6 | 42.5 | 43.0 | 43.1 | 43.1 | 43.1 | 43.7 | 43.7 | 43.7 | 43.7 | 43.8 | 43.8 | 44.1 | 44.5 |
| ≥ 8000 | 44.3 | 44.7 | 45.1 | 45.7 | 45.5 | 45.8 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.6 | 46.6 | 46.9 | 47.2 | 47.4 |
| ≥ 7000 | 47.3 | 48.3 | 48.6 | 49.2 | 49.4 | 49.5 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.1 | 50.1 | 50.4 | 51.0 | 51.7 |
| ≥ 6000 | 50.4 | 51.6 | 51.0 | 51.0 | 51.0 | 51.9 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.6 | 52.6 | 52.9 | 53.4 | 54.2 |
| ≥ 5000 | 54.0 | 55.4 | 55.8 | 56.0 | 57.1 | 57.1 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.8 | 57.8 | 58.2 | 58.7 | 59.5 |
| ≥ 4500 | 55.3 | 57.2 | 57.7 | 58.5 | 59.2 | 59.4 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.1 | 60.1 | 60.4 | 61.0 | 61.7 |
| ≥ 4000 | 58.0 | 60.4 | 61.2 | 62.0 | 63.2 | 63.3 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.1 | 64.1 | 64.4 | 64.9 | 65.7 |
| ≥ 3500 | 59.9 | 61.9 | 62.7 | 63.7 | 65.1 | 65.2 | 65.9 | 65.8 | 65.8 | 65.8 | 65.8 | 65.9 | 65.9 | 66.2 | 66.8 | 67.5 |
| ≥ 3000 | 62.0 | 64.0 | 64.6 | 66.9 | 68.9 | 69.5 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.2 | 70.2 | 70.5 | 71.1 | 71.8 |
| ≥ 2500 | 65.6 | 66.5 | 67.7 | 68.1 | 71.7 | 72.6 | 73.3 | 73.4 | 73.4 | 73.5 | 73.7 | 73.7 | 73.7 | 74.0 | 74.5 | 75.1 |
| ≥ 2000 | 68.9 | 68.7 | 70.4 | 70.5 | 74.2 | 75.7 | 77.3 | 77.7 | 77.8 | 78.2 | 78.2 | 78.2 | 78.3 | 78.6 | 79.1 | 79.9 |
| ≥ 1800 | 74.1 | 72.6 | 75.5 | 75.5 | 75.4 | 76.2 | 78.2 | 78.2 | 78.9 | 79.4 | 79.6 | 79.6 | 79.6 | 79.9 | 80.4 | 81.2 |
| ≥ 1500 | 74.4 | 74.5 | 71.3 | 72.9 | 76.3 | 77.2 | 79.3 | 80.6 | 81.0 | 81.8 | 82.2 | 82.2 | 82.2 | 82.5 | 83.0 | 83.8 |
| ≥ 1200 | 75.4 | 71.0 | 72.5 | 74.5 | 75.2 | 79.7 | 82.0 | 83.9 | 84.1 | 85.8 | 86.3 | 86.3 | 86.3 | 86.7 | 87.2 | 88.1 |
| ≥ 1000 | 75.5 | 71.4 | 73.2 | 74.8 | 78.2 | 80.0 | 83.0 | 84.3 | 84.5 | 86.3 | 86.3 | 87.2 | 87.2 | 87.5 | 88.1 | 88.9 |
| ≥ 900 | 75.6 | 71.3 | 73.3 | 74.8 | 78.6 | 80.1 | 83.2 | 84.5 | 84.7 | 87.2 | 88.2 | 88.2 | 88.2 | 88.5 | 89.0 | 89.8 |
| ≥ 800 | 75.9 | 71.6 | 73.7 | 75.3 | 78.9 | 80.4 | 83.7 | 84.7 | 85.2 | 87.6 | 89.0 | 89.0 | 89.0 | 89.4 | 89.9 | 90.1 |
| ≥ 700 | 76.3 | 72.3 | 74.5 | 76.1 | 80.0 | 81.5 | 84.7 | 86.0 | 86.2 | 88.7 | 90.3 | 90.3 | 90.3 | 90.3 | 91.3 | 91.5 |
| ≥ 600 | 76.6 | 73.2 | 75.3 | 76.9 | 80.8 | 82.1 | 85.3 | 86.8 | 87.0 | 89.5 | 91.2 | 91.2 | 91.2 | 91.6 | 92.2 | 92.9 |
| ≥ 500 | 76.7 | 73.3 | 75.6 | 77.2 | 81.2 | 82.8 | 86.1 | 87.4 | 87.6 | 90.1 | 91.8 | 91.8 | 91.8 | 92.3 | 92.8 | 93.5 |
| ≥ 400 | 77.3 | 74.6 | 77.1 | 78.7 | 82.7 | 84.4 | 87.6 | 88.9 | 89.1 | 91.6 | 93.3 | 93.3 | 93.3 | 93.9 | 94.4 | 95.2 |
| ≥ 300 | 77.4 | 74.7 | 77.2 | 78.5 | 82.9 | 84.8 | 88.1 | 89.4 | 89.6 | 92.0 | 94.0 | 94.0 | 94.0 | 94.5 | 95.2 | 96.2 |
| ≥ 200 | 77.4 | 74.8 | 77.4 | 79.2 | 83.5 | 85.5 | 88.7 | 90.0 | 90.2 | 92.9 | 94.8 | 94.8 | 94.8 | 95.4 | 96.0 | 97.5 |
| ≥ 100 | 77.4 | 74.8 | 77.6 | 79.0 | 83.9 | 86.0 | 89.5 | 90.3 | 91.0 | 93.7 | 95.6 | 95.6 | 95.6 | 96.2 | 96.9 | 97.7 |
| ≥ 0 | 77.4 | 74.8 | 77.6 | 79.6 | 83.6 | 86.0 | 89.5 | 90.3 | 91.0 | 93.7 | 95.6 | 95.6 | 95.6 | 96.5 | 97.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 10-64 0-145 (OL 1) PREPARED BY: DIVISION OF THE AIR FORCE AND NAVY

AT: PORTLAND, OREGON
 DATE: 10/1/66
 AIR: 10000-10000-10000

CEILING VERSUS VISIBILITY

222-10000-10000-10000

10000-10000-10000

57-66

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-1100

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING ≥ 20000 | 23.1 | 23.2 | 23.3 | 23.4 | 23.5 | 23.6 | 23.7 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 |
| IV 18000 | 23.2 | 23.3 | 23.4 | 23.5 | 23.6 | 23.7 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 |
| IV 16000 | 23.3 | 23.4 | 23.5 | 23.6 | 23.7 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 |
| IV 14000 | 23.4 | 23.5 | 23.6 | 23.7 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 |
| IV 12000 | 23.5 | 23.6 | 23.7 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 |
| IV 10000 | 23.6 | 23.7 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 |
| IV 9000 | 23.7 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 |
| IV 8000 | 23.8 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 |
| IV 7000 | 23.9 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 |
| IV 6000 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 |
| IV 5000 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 |
| IV 4500 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 |
| IV 4000 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 |
| IV 3500 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 |
| IV 3000 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 |
| IV 2500 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 |
| IV 2000 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 |
| IV 1800 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 |
| IV 1500 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 |
| IV 1200 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 |
| IV 1000 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 |
| IV 900 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 |
| IV 800 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 |
| IV 700 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 |
| IV 600 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 | 27.0 |
| IV 500 | 25.6 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 | 27.0 | 27.1 |
| IV 400 | 25.7 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 | 27.0 | 27.1 | 27.2 |
| IV 300 | 25.8 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 | 27.0 | 27.1 | 27.2 | 27.3 |
| IV 200 | 25.9 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 | 27.0 | 27.1 | 27.2 | 27.3 | 27.4 |
| IV 100 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 | 27.0 | 27.1 | 27.2 | 27.3 | 27.4 | 27.5 |
| IV 0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 | 27.0 | 27.1 | 27.2 | 27.3 | 27.4 | 27.5 | 27.6 |

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC 0-145 (OL 1) PREPARED BY THE U.S. AIR FORCE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AAC

CEILING VERSUS VISIBILITY

25200 PRINCE GEORGE S CANT APT
STATION

57-66

YEAR

DATE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1270-1400

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|-------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.25 | ≥1 | ≥.75 | ≥.5 | ≥.25 | ≥.1 |
| NO CEILING | 4.4 | 25.3 | 25.9 | 26.3 | 26.3 | 26.5 | 26.5 | 26.5 | 26.5 | 26.5 | 26.7 | 26.8 | 26.9 | 26.9 |
| ≥ 20000 | 27.0 | 27.6 | 28.5 | 28.9 | 28.9 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.2 | 29.4 | 29.5 | 29.5 |
| ≥ 18000 | 28.3 | 28.2 | 29.2 | 30.3 | 30.3 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.6 | 30.8 | 30.9 | 30.9 |
| ≥ 16000 | 25.8 | 27.5 | 30.4 | 30.9 | 30.9 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.2 | 31.3 | 31.4 | 31.4 |
| ≥ 14000 | 31.4 | 32.4 | 33.5 | 33.4 | 33.4 | 33.5 | 33.5 | 33.5 | 33.5 | 33.5 | 33.6 | 33.7 | 34.0 | 34.0 |
| ≥ 12000 | 34.8 | 35.5 | 36.5 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.3 | 37.4 | 37.5 | 37.5 |
| ≥ 10000 | 37.5 | 38.5 | 39.1 | 39.7 | 39.7 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 40.0 | 40.1 | 40.2 | 40.2 |
| ≥ 9000 | 41.6 | 42.7 | 43.5 | 43.9 | 43.9 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.4 | 44.5 | 44.5 |
| ≥ 8000 | 46.2 | 47.4 | 48.1 | 48.6 | 48.6 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 49.1 | 49.1 | 49.4 | 49.4 |
| ≥ 7000 | 50.0 | 51.7 | 52.6 | 52.9 | 52.9 | 53.2 | 53.2 | 53.2 | 53.2 | 53.3 | 53.5 | 53.7 | 53.8 | 53.8 |
| ≥ 6000 | 52.3 | 54.0 | 54.6 | 55.2 | 55.3 | 55.7 | 55.7 | 55.7 | 55.7 | 56.0 | 56.0 | 56.2 | 56.5 | 56.5 |
| ≥ 5000 | 55.3 | 57.2 | 58.0 | 58.5 | 58.6 | 59.0 | 59.0 | 59.0 | 59.0 | 59.4 | 59.4 | 59.6 | 59.7 | 59.8 |
| ≥ 4500 | 59.3 | 62.0 | 62.8 | 63.3 | 63.4 | 63.9 | 63.9 | 64.1 | 64.2 | 64.2 | 64.4 | 64.5 | 64.6 | 64.6 |
| ≥ 4000 | 67.5 | 65.3 | 66.2 | 66.8 | 66.9 | 67.3 | 67.3 | 68.1 | 68.3 | 68.3 | 68.3 | 68.5 | 68.7 | 68.7 |
| ≥ 3500 | 63.4 | 65.5 | 67.5 | 68.1 | 68.3 | 68.7 | 69.0 | 69.0 | 69.8 | 69.8 | 70.0 | 70.1 | 70.2 | 70.2 |
| ≥ 3000 | 64.5 | 66.1 | 69.4 | 70.1 | 70.4 | 71.1 | 71.9 | 72.4 | 72.8 | 72.8 | 73.0 | 73.1 | 73.2 | 73.2 |
| ≥ 2500 | 62.7 | 65.5 | 71.1 | 71.9 | 72.4 | 73.3 | 74.1 | 74.5 | 74.9 | 75.1 | 75.3 | 75.4 | 75.5 | 75.5 |
| ≥ 2000 | 71.2 | 71.2 | 72.7 | 73.5 | 74.5 | 75.3 | 76.6 | 77.2 | 77.6 | 78.0 | 78.3 | 78.5 | 78.6 | 78.6 |
| ≥ 1800 | 77.6 | 73.5 | 78.4 | 74.6 | 75.4 | 76.2 | 77.6 | 78.5 | 79.0 | 79.4 | 79.7 | 79.9 | 80.0 | 80.0 |
| ≥ 1500 | 76.0 | 71.1 | 74.6 | 75.9 | 76.9 | 77.7 | 79.1 | 80.4 | 81.0 | 81.6 | 81.9 | 82.2 | 82.3 | 82.3 |
| ≥ 1200 | 72.2 | 74.9 | 76.5 | 73.1 | 75.1 | 75.9 | 81.4 | 83.1 | 84.1 | 85.1 | 85.8 | 86.1 | 86.1 | 86.1 |
| ≥ 1000 | 75.6 | 75.8 | 77.5 | 78.9 | 80.2 | 81.1 | 82.5 | 84.5 | 85.7 | 87.1 | 88.1 | 88.3 | 88.5 | 88.5 |
| ≥ 900 | 71.4 | 77.2 | 75.2 | 81.3 | 81.8 | 82.8 | 84.6 | 86.6 | 87.7 | 89.6 | 90.8 | 91.1 | 91.3 | 91.3 |
| ≥ 800 | 71.6 | 77.7 | 79.5 | 81.5 | 82.5 | 83.4 | 85.3 | 87.2 | 88.4 | 90.3 | 91.8 | 92.2 | 92.5 | 92.5 |
| ≥ 700 | 71.8 | 78.2 | 80.1 | 81.7 | 83.2 | 84.2 | 86.1 | 88.2 | 89.4 | 91.6 | 93.1 | 93.4 | 94.0 | 94.1 |
| ≥ 600 | 72.4 | 77.1 | 81.1 | 82.9 | 84.4 | 85.4 | 87.2 | 89.4 | 90.5 | 92.8 | 94.5 | 95.1 | 95.5 | 95.5 |
| ≥ 500 | 72.4 | 77.2 | 81.2 | 84.1 | 84.7 | 85.8 | 87.6 | 89.7 | 91.1 | 93.3 | 95.1 | 95.6 | 96.2 | 96.3 |
| ≥ 400 | 72.6 | 79.8 | 81.7 | 83.7 | 83.3 | 84.3 | 86.3 | 90.8 | 91.9 | 94.2 | 95.9 | 96.5 | 97.1 | 97.3 |
| ≥ 300 | 72.6 | 79.9 | 81.8 | 84.2 | 85.9 | 87.1 | 89.2 | 91.7 | 92.9 | 95.3 | 97.0 | 97.5 | 98.2 | 98.5 |
| ≥ 200 | 72.6 | 79.9 | 81.8 | 84.3 | 86.0 | 87.1 | 89.5 | 92.0 | 93.3 | 95.7 | 97.4 | 98.0 | 98.6 | 99.2 |
| ≥ 100 | 72.6 | 79.9 | 81.8 | 84.3 | 86.1 | 87.1 | 89.5 | 92.0 | 93.3 | 95.7 | 97.4 | 98.0 | 98.6 | 99.2 |
| ≥ 0 | 72.6 | 79.9 | 81.8 | 84.3 | 86.1 | 87.1 | 89.5 | 92.0 | 93.3 | 95.7 | 97.4 | 98.0 | 98.6 | 99.2 |

TOTAL NUMBER OF OBSERVATIONS

34

USAF ETAC FORM 10-64 0145 (OL) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ATC PROGRESSIVE DIVISION
USAF ETAC
AIR TRAFFIC SERVICE/440

CEILING VERSUS VISIBILITY

15200
STATION

10000 GEORGE H. CO. OUT INT
STATION NAME

57-66
YEAR

1950-1959
PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-2000
TIME OF DAY

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|-------|------|------|------|-------|------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.0 | ≥ .5 | ≥ .4 | ≥ .3 | ≥ .25 | ≥ .2 | ≥ .15 | ≥ 0 |
| NO CEILING | 27.4 | 28.6 | 29.4 | 29.8 | 29.8 | 29.8 | 29.8 | 29.7 | 29.7 | 29.8 | 30.2 | 30.7 | 30.3 | 30.4 | 30.4 | 30.4 |
| ≥ 20000 | 28.9 | 30.1 | 30.9 | 31.3 | 31.1 | 31.1 | 31.1 | 31.2 | 31.2 | 31.3 | 31.7 | 31.7 | 31.8 | 31.8 | 31.8 | 31.8 |
| IV 18000 | 29.9 | 30.1 | 30.9 | 31.1 | 31.1 | 31.1 | 31.1 | 31.2 | 31.2 | 31.3 | 31.7 | 31.7 | 31.8 | 31.9 | 31.9 | 31.9 |
| IV 16000 | 29.8 | 31.0 | 31.7 | 31.8 | 31.9 | 31.9 | 31.9 | 31.9 | 32.0 | 32.2 | 32.6 | 32.6 | 32.7 | 32.7 | 32.8 | 32.8 |
| IV 14000 | 31.3 | 32.7 | 33.2 | 33.7 | 33.6 | 33.8 | 33.8 | 33.9 | 33.9 | 34.0 | 34.4 | 34.4 | 34.5 | 34.6 | 34.6 | 34.6 |
| IV 12000 | 34.1 | 35.5 | 35.3 | 36.5 | 36.6 | 36.8 | 36.8 | 36.7 | 36.7 | 36.9 | 37.2 | 37.2 | 37.3 | 37.4 | 37.4 | 37.4 |
| IV 10000 | 37.8 | 39.4 | 40.2 | 40.3 | 40.5 | 40.5 | 40.5 | 40.5 | 40.6 | 40.8 | 41.2 | 41.2 | 41.3 | 41.4 | 41.4 | 41.4 |
| IV 9000 | 39.7 | 41.3 | 42.3 | 42.5 | 42.7 | 42.7 | 42.7 | 42.7 | 42.8 | 42.9 | 43.3 | 43.3 | 43.4 | 43.5 | 43.5 | 43.5 |
| IV 8000 | 44.0 | 46.1 | 47.1 | 47.3 | 47.5 | 47.5 | 47.5 | 47.6 | 47.6 | 47.7 | 48.2 | 48.2 | 48.3 | 48.4 | 48.4 | 48.4 |
| IV 7000 | 50.1 | 52.5 | 53.5 | 53.8 | 54.1 | 54.1 | 54.1 | 54.2 | 54.2 | 54.3 | 54.7 | 54.7 | 54.8 | 54.9 | 54.9 | 54.9 |
| IV 6000 | 51.7 | 54.2 | 55.4 | 55.6 | 55.9 | 55.9 | 55.9 | 56.0 | 56.0 | 56.1 | 56.6 | 56.6 | 56.7 | 56.8 | 56.8 | 56.8 |
| IV 5000 | 56.2 | 58.8 | 59.0 | 59.2 | 60.6 | 60.6 | 60.6 | 60.8 | 60.8 | 60.9 | 61.3 | 61.3 | 61.4 | 61.5 | 61.5 | 61.5 |
| IV 4500 | 63.1 | 65.9 | 62.0 | 62.3 | 62.8 | 62.8 | 62.8 | 62.9 | 62.9 | 63.0 | 63.4 | 63.4 | 63.5 | 63.7 | 63.7 | 63.7 |
| IV 4000 | 65.3 | 65.4 | 64.7 | 64.9 | 65.7 | 65.7 | 65.7 | 66.0 | 66.0 | 66.1 | 66.6 | 66.6 | 66.7 | 66.8 | 66.8 | 66.8 |
| IV 3500 | 61.8 | 65.7 | 67.1 | 67.4 | 68.4 | 68.5 | 68.5 | 68.8 | 68.8 | 68.9 | 69.4 | 69.4 | 69.5 | 69.6 | 69.6 | 69.6 |
| IV 3000 | 65.3 | 67.5 | 68.9 | 69.6 | 70.9 | 71.0 | 71.0 | 71.3 | 71.3 | 71.4 | 71.8 | 71.8 | 71.9 | 72.0 | 72.0 | 72.0 |
| IV 2500 | 65.3 | 71.1 | 71.0 | 72.3 | 73.8 | 74.1 | 74.3 | 74.7 | 74.7 | 74.8 | 75.3 | 75.3 | 75.4 | 75.5 | 75.5 | 75.5 |
| IV 2000 | 76.0 | 71.9 | 73.4 | 74.3 | 75.9 | 76.2 | 76.9 | 77.1 | 77.3 | 76.0 | 78.4 | 78.4 | 78.5 | 78.6 | 78.6 | 78.6 |
| IV 1800 | 77.0 | 72.3 | 74.5 | 76.0 | 78.1 | 78.4 | 78.8 | 79.4 | 80.0 | 80.6 | 81.1 | 81.1 | 81.2 | 81.3 | 81.3 | 81.3 |
| IV 1500 | 78.4 | 74.1 | 75.8 | 77.0 | 79.5 | 80.0 | 80.6 | 81.4 | 82.5 | 83.3 | 83.8 | 83.8 | 83.9 | 84.0 | 84.0 | 84.0 |
| IV 1200 | 77.2 | 75.5 | 77.7 | 79.0 | 81.6 | 82.4 | 83.2 | 84.1 | 85.4 | 86.3 | 87.0 | 87.1 | 87.1 | 87.2 | 87.2 | 87.2 |
| IV 1000 | 75.2 | 75.8 | 75.1 | 80.8 | 83.3 | 84.1 | 84.9 | 85.8 | 87.3 | 88.8 | 89.7 | 89.7 | 89.8 | 89.9 | 89.9 | 89.9 |
| IV 900 | 75.0 | 77.3 | 79.7 | 81.3 | 83.9 | 84.6 | 85.5 | 86.3 | 87.8 | 89.8 | 90.9 | 91.0 | 91.1 | 91.2 | 91.2 | 91.2 |
| IV 800 | 71.2 | 78.2 | 81.0 | 82.4 | 84.9 | 85.7 | 86.0 | 87.4 | 88.9 | 90.9 | 92.2 | 92.3 | 92.4 | 92.5 | 92.5 | 92.5 |
| IV 700 | 71.4 | 78.5 | 81.1 | 83.1 | 85.6 | 86.3 | 87.2 | 88.1 | 89.6 | 91.5 | 92.9 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 |
| IV 600 | 71.5 | 79.0 | 81.8 | 83.9 | 86.7 | 87.5 | 88.4 | 89.2 | 90.8 | 92.7 | 94.2 | 94.4 | 94.5 | 94.6 | 94.6 | 94.6 |
| IV 500 | 71.6 | 79.9 | 82.8 | 84.9 | 87.8 | 88.7 | 89.5 | 90.4 | 91.9 | 93.9 | 95.4 | 95.6 | 95.7 | 95.8 | 95.8 | 95.8 |
| IV 400 | 71.7 | 80.5 | 83.5 | 86.1 | 89.1 | 89.9 | 90.5 | 91.6 | 93.1 | 95.2 | 96.7 | 96.9 | 97.0 | 97.1 | 97.1 | 97.1 |
| IV 300 | 72.2 | 81.1 | 84.1 | 86.7 | 89.7 | 90.5 | 91.6 | 92.5 | 94.0 | 96.0 | 97.6 | 97.8 | 98.1 | 98.2 | 98.2 | 98.2 |
| IV 200 | 72.2 | 81.1 | 84.1 | 86.7 | 89.9 | 90.8 | 91.9 | 92.8 | 94.3 | 96.3 | 98.0 | 98.2 | 98.4 | 98.5 | 98.8 | 99.1 |
| IV 100 | 72.3 | 81.2 | 84.2 | 86.8 | 90.0 | 90.9 | 92.0 | 92.9 | 94.4 | 96.5 | 98.2 | 98.4 | 98.6 | 98.7 | 99.4 | 99.8 |
| IV 0 | 72.3 | 81.2 | 84.2 | 86.8 | 90.0 | 90.9 | 92.0 | 93.0 | 94.5 | 96.6 | 98.3 | 98.5 | 98.7 | 98.8 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
RIS EAT 68 8101/240

CEILING VERSUS VISIBILITY

20210 KIRKPATRICK, G. C. DT 1971

57-66

HEAD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|-------|-------|--------|--------|--------|--------|---------|--------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.0 | ≥ 0.5 | ≥ 0.25 | ≥ 0.15 | ≥ 0.10 | ≥ 0.05 | ≥ 0.025 | ≥ 0.01 |
| NO CEILING | 31.6 | 32.4 | 32.4 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.8 | 32.8 | 32.9 | 33.1 | 33.1 | 33.2 | 33.3 | 33.7 |
| ≥ 20000 | 33.2 | 34.0 | 34.0 | 34.2 | 34.2 | 34.2 | 34.4 | 34.4 | 34.4 | 34.4 | 34.5 | 34.6 | 34.7 | 34.7 | 34.9 | 35.3 |
| IV 18000 | 33.2 | 34.0 | 34.0 | 34.2 | 34.2 | 34.2 | 34.4 | 34.4 | 34.4 | 34.4 | 34.5 | 34.6 | 34.7 | 34.7 | 34.9 | 35.3 |
| IV 16000 | 33.7 | 34.4 | 34.4 | 34.6 | 34.6 | 34.6 | 34.8 | 34.8 | 34.8 | 34.8 | 34.9 | 35.1 | 35.2 | 35.3 | 35.4 | 35.7 |
| IV 14000 | 34.5 | 35.6 | 35.6 | 35.8 | 35.8 | 35.8 | 36.0 | 36.0 | 36.0 | 36.0 | 36.1 | 36.2 | 36.3 | 36.5 | 36.6 | 36.8 |
| IV 12000 | 36.3 | 37.4 | 37.4 | 37.6 | 37.6 | 37.6 | 37.8 | 37.8 | 37.8 | 37.8 | 38.0 | 38.1 | 38.2 | 38.3 | 38.4 | 38.7 |
| IV 10000 | 41.1 | 41.2 | 41.2 | 41.4 | 41.4 | 41.4 | 41.6 | 41.6 | 41.6 | 41.6 | 41.7 | 41.8 | 41.9 | 42.1 | 42.2 | 42.5 |
| IV 9000 | 43.3 | 44.4 | 44.4 | 44.6 | 44.6 | 44.6 | 44.8 | 44.8 | 44.8 | 44.8 | 44.9 | 45.1 | 45.2 | 45.3 | 45.5 | 46.1 |
| IV 8000 | 46.6 | 48.0 | 48.0 | 48.3 | 48.3 | 48.3 | 48.6 | 48.6 | 48.6 | 48.6 | 48.7 | 48.9 | 48.9 | 49.0 | 49.4 | 49.9 |
| IV 7000 | 51.7 | 53.1 | 53.1 | 53.4 | 53.7 | 53.7 | 54.0 | 54.0 | 54.0 | 54.0 | 54.1 | 54.2 | 54.3 | 54.5 | 54.9 | 55.1 |
| IV 6000 | 53.3 | 54.7 | 54.7 | 55.1 | 55.3 | 55.3 | 55.6 | 55.6 | 55.6 | 55.6 | 55.7 | 55.8 | 55.9 | 56.1 | 56.5 | 56.9 |
| IV 5000 | 57.4 | 59.1 | 59.1 | 59.3 | 59.7 | 59.7 | 60.1 | 60.1 | 60.1 | 60.1 | 60.2 | 60.3 | 60.4 | 60.6 | 61.0 | 61.4 |
| IV 4500 | 61.1 | 61.9 | 61.9 | 62.5 | 62.7 | 62.7 | 63.1 | 63.1 | 63.1 | 63.1 | 63.2 | 63.3 | 63.4 | 63.7 | 64.1 | 64.6 |
| IV 4000 | 61.6 | 64.5 | 64.5 | 65.1 | 65.9 | 65.9 | 66.5 | 66.5 | 66.5 | 66.5 | 66.6 | 66.7 | 66.8 | 67.0 | 67.3 | 67.7 |
| IV 3500 | 63.2 | 66.1 | 66.5 | 67.1 | 68.2 | 68.2 | 69.5 | 69.5 | 69.5 | 69.5 | 69.6 | 69.7 | 69.8 | 69.9 | 70.3 | 70.8 |
| IV 3000 | 64.5 | 67.6 | 68.4 | 69.2 | 70.6 | 71.2 | 71.9 | 71.9 | 71.9 | 71.9 | 72.0 | 72.2 | 72.3 | 72.4 | 72.9 | 73.3 |
| IV 2500 | 66.7 | 70.6 | 71.5 | 72.3 | 74.1 | 74.5 | 75.5 | 75.7 | 75.7 | 75.7 | 75.8 | 76.0 | 76.1 | 76.2 | 76.5 | 77.2 |
| IV 2000 | 68.5 | 72.7 | 73.5 | 74.6 | 76.5 | 77.3 | 78.2 | 78.5 | 78.5 | 78.5 | 78.6 | 79.2 | 79.5 | 79.5 | 80.0 | 80.9 |
| IV 1800 | 68.8 | 73.1 | 74.0 | 75.1 | 77.2 | 77.7 | 79.1 | 79.7 | 79.7 | 79.7 | 80.3 | 80.6 | 80.8 | 81.0 | 81.2 | 82.0 |
| IV 1500 | 69.0 | 74.1 | 74.9 | 75.3 | 78.3 | 78.8 | 80.6 | 81.3 | 81.3 | 81.3 | 81.9 | 82.3 | 82.4 | 82.6 | 82.8 | 83.7 |
| IV 1200 | 70.2 | 75.3 | 76.2 | 77.6 | 79.9 | 80.5 | 82.4 | 84.2 | 84.2 | 84.4 | 85.6 | 86.0 | 86.1 | 86.3 | 86.6 | 87.4 |
| IV 1000 | 70.9 | 76.2 | 77.3 | 78.7 | 81.1 | 81.7 | 83.5 | 85.4 | 85.4 | 85.6 | 86.9 | 87.5 | 87.5 | 87.8 | 88.5 | 89.2 |
| IV 900 | 71.2 | 76.7 | 77.7 | 79.1 | 81.5 | 82.2 | 84.1 | 85.9 | 86.1 | 87.5 | 88.2 | 88.3 | 88.5 | 88.7 | 89.1 | 89.5 |
| IV 800 | 71.4 | 77.2 | 78.1 | 79.5 | 81.8 | 82.5 | 84.4 | 86.2 | 86.5 | 87.8 | 88.8 | 88.9 | 89.1 | 89.4 | 89.8 | 90.2 |
| IV 700 | 71.6 | 77.6 | 78.5 | 80.0 | 82.6 | 83.2 | 85.2 | 87.0 | 87.2 | 88.6 | 89.8 | 90.0 | 90.2 | 90.4 | 90.9 | 91.3 |
| IV 600 | 71.6 | 78.0 | 79.1 | 80.6 | 83.4 | 84.1 | 86.0 | 87.8 | 88.1 | 89.5 | 90.6 | 90.9 | 91.1 | 91.3 | 91.7 | 92.2 |
| IV 500 | 71.6 | 79.2 | 80.5 | 82.0 | 84.8 | 85.6 | 87.5 | 89.4 | 89.6 | 91.1 | 92.4 | 92.6 | 92.9 | 93.1 | 93.7 | 94.1 |
| IV 400 | 72.3 | 80.3 | 81.6 | 83.1 | 85.9 | 86.7 | 88.9 | 90.8 | 91.0 | 92.5 | 93.8 | 94.0 | 94.5 | 94.7 | 95.4 | 95.8 |
| IV 300 | 72.5 | 80.9 | 82.3 | 84.0 | 86.8 | 87.5 | 89.6 | 91.6 | 91.8 | 93.3 | 94.7 | 94.9 | 95.5 | 95.8 | 96.6 | 97.0 |
| IV 200 | 72.5 | 80.9 | 82.3 | 84.2 | 87.0 | 87.7 | 90.2 | 92.0 | 92.3 | 93.8 | 95.6 | 95.6 | 96.3 | 96.7 | 97.6 | 98.1 |
| IV 100 | 72.5 | 80.9 | 82.3 | 84.2 | 87.0 | 87.7 | 90.4 | 92.4 | 92.6 | 94.3 | 96.2 | 96.5 | 97.0 | 97.4 | 98.6 | 99.4 |
| IV 0 | 72.5 | 80.9 | 82.3 | 84.2 | 87.0 | 87.7 | 90.4 | 92.4 | 92.6 | 94.3 | 96.3 | 96.6 | 97.1 | 97.5 | 98.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

936

USAF ETAC FORM 1-74 0-14-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
ATTN: EAT-EN-RECEIVED

CEILING VERSUS VISIBILITY

252 * PRIME GROUND 1.0 METERS

57-06

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|-------|------|-------|-------|------|-------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.75 | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.1 | ≥0.05 | ≥0 |
| NO CEILING | 7.5 | 4.4 | 40.8 | 41.1 | 41.1 | 41.1 | 41.0 | 41.0 | 41.8 | 42.0 | 42.4 | 42.0 | 42.8 | 41.1 | 43.4 | 43.4 |
| ≥ 20000 | 1.3 | 41.5 | 42.2 | 42.0 | 42.0 | 42.0 | 43.0 | 43.3 | 43.3 | 43.4 | 43.9 | 44.0 | 44.2 | 44.0 | 44.0 | 44.0 |
| ≥ 18000 | 41.0 | 42.2 | 42.0 | 42.9 | 42.9 | 42.9 | 43.4 | 43.0 | 43.6 | 43.7 | 44.2 | 44.3 | 44.6 | 44.6 | 45.2 | 45.7 |
| ≥ 16000 | 41.7 | 42.3 | 42.7 | 43.0 | 43.0 | 43.0 | 43.0 | 43.7 | 43.7 | 43.9 | 44.3 | 44.4 | 44.7 | 44.7 | 45.3 | 45.7 |
| ≥ 14000 | 42.9 | 43.5 | 43.9 | 44.2 | 44.2 | 44.2 | 44.7 | 44.9 | 44.9 | 45.0 | 45.5 | 45.0 | 45.9 | 45.9 | 46.5 | 46.5 |
| ≥ 12000 | 44.1 | 44.8 | 45.2 | 45.0 | 45.5 | 45.5 | 46.0 | 46.0 | 46.2 | 46.3 | 46.8 | 46.5 | 47.2 | 47.2 | 47.0 | 47.0 |
| ≥ 10000 | 47.0 | 47.5 | 48.2 | 48.7 | 48.7 | 48.7 | 49.2 | 49.4 | 49.4 | 49.5 | 50.0 | 50.1 | 50.4 | 50.4 | 50.0 | 50.0 |
| ≥ 9000 | 49.1 | 49.9 | 50.4 | 50.4 | 50.8 | 50.8 | 51.3 | 51.5 | 51.5 | 51.7 | 52.1 | 52.0 | 52.7 | 52.7 | 53.4 | 53.4 |
| ≥ 8000 | 52.0 | 52.5 | 53.3 | 53.0 | 53.4 | 53.5 | 54.3 | 54.5 | 54.5 | 54.6 | 55.1 | 55.3 | 55.7 | 55.7 | 56.4 | 56.4 |
| ≥ 7000 | 58.0 | 59.2 | 59.7 | 60.2 | 60.3 | 60.5 | 60.0 | 61.0 | 61.0 | 61.1 | 61.6 | 61.0 | 62.2 | 62.2 | 62.9 | 62.9 |
| ≥ 6000 | 60.3 | 61.5 | 62.1 | 62.5 | 62.6 | 62.6 | 63.1 | 63.4 | 63.4 | 63.5 | 63.9 | 64.0 | 64.5 | 64.5 | 65.2 | 65.2 |
| ≥ 5000 | 63.0 | 67.5 | 68.1 | 68.0 | 68.7 | 68.7 | 69.1 | 69.4 | 69.4 | 69.5 | 70.0 | 70.0 | 70.6 | 70.6 | 71.4 | 71.4 |
| ≥ 4500 | 70.2 | 70.3 | 71.2 | 71.7 | 71.0 | 71.0 | 72.3 | 72.5 | 72.6 | 72.7 | 73.2 | 73.4 | 73.8 | 73.8 | 74.0 | 74.0 |
| ≥ 4000 | 72.0 | 74.2 | 75.2 | 73.8 | 75.0 | 75.9 | 76.4 | 76.6 | 76.6 | 76.7 | 77.2 | 77.4 | 77.9 | 77.9 | 78.7 | 78.7 |
| ≥ 3500 | 73.4 | 75.7 | 76.7 | 77.5 | 77.9 | 77.9 | 78.4 | 78.6 | 78.6 | 78.7 | 79.2 | 79.4 | 79.9 | 79.9 | 80.7 | 80.7 |
| ≥ 3000 | 74.3 | 77.1 | 78.3 | 79.2 | 79.8 | 79.8 | 80.4 | 80.7 | 80.6 | 80.7 | 81.2 | 81.4 | 81.9 | 81.9 | 82.7 | 82.7 |
| ≥ 2500 | 75.6 | 78.7 | 79.9 | 81.1 | 81.9 | 82.0 | 82.7 | 83.1 | 83.1 | 83.2 | 83.8 | 84.0 | 84.5 | 84.5 | 85.3 | 85.3 |
| ≥ 2000 | 76.8 | 80.3 | 81.0 | 82.7 | 83.8 | 83.9 | 85.3 | 86.5 | 86.5 | 86.6 | 87.2 | 87.5 | 87.9 | 87.9 | 88.8 | 88.8 |
| ≥ 1800 | 77.1 | 81.2 | 82.5 | 83.7 | 84.8 | 84.9 | 86.6 | 87.7 | 88.2 | 88.3 | 88.9 | 89.1 | 89.6 | 89.6 | 90.4 | 90.4 |
| ≥ 1500 | 77.2 | 81.6 | 83.0 | 84.3 | 85.8 | 85.9 | 87.9 | 89.7 | 90.0 | 90.4 | 91.0 | 91.3 | 91.7 | 91.7 | 92.0 | 92.7 |
| ≥ 1200 | 77.2 | 82.5 | 83.5 | 84.8 | 86.5 | 86.6 | 88.7 | 90.7 | 91.0 | 92.1 | 92.8 | 93.0 | 93.5 | 93.5 | 94.3 | 94.4 |
| ≥ 1000 | 77.2 | 82.3 | 83.8 | 85.1 | 86.9 | 87.0 | 89.1 | 91.3 | 91.6 | 93.1 | 94.2 | 94.0 | 95.0 | 95.0 | 95.9 | 96.0 |
| ≥ 900 | 77.2 | 82.4 | 84.2 | 85.5 | 87.2 | 87.4 | 89.5 | 91.6 | 92.0 | 93.5 | 94.6 | 94.9 | 95.4 | 95.4 | 96.2 | 96.3 |
| ≥ 800 | 77.2 | 82.5 | 84.6 | 85.9 | 87.7 | 87.8 | 90.0 | 92.1 | 92.4 | 94.1 | 95.4 | 95.7 | 96.2 | 96.2 | 97.1 | 97.2 |
| ≥ 700 | 77.2 | 82.7 | 85.1 | 86.5 | 88.5 | 88.7 | 90.8 | 92.9 | 93.3 | 94.9 | 96.2 | 96.6 | 97.0 | 97.0 | 97.9 | 97.9 |
| ≥ 600 | 77.2 | 82.7 | 85.1 | 86.5 | 88.5 | 88.7 | 90.8 | 92.9 | 93.3 | 94.9 | 96.2 | 96.6 | 97.0 | 97.0 | 97.9 | 97.9 |
| ≥ 500 | 77.2 | 82.7 | 85.2 | 86.6 | 88.7 | 88.8 | 90.9 | 93.0 | 93.4 | 95.2 | 96.5 | 96.8 | 97.4 | 97.4 | 98.2 | 98.3 |
| ≥ 400 | 77.2 | 83.0 | 85.5 | 86.9 | 88.9 | 89.0 | 91.1 | 93.4 | 93.7 | 95.6 | 96.9 | 97.3 | 97.9 | 97.9 | 98.7 | 98.8 |
| ≥ 300 | 77.2 | 83.0 | 85.5 | 86.9 | 88.9 | 89.0 | 91.1 | 93.4 | 93.7 | 95.6 | 96.9 | 97.3 | 97.9 | 97.9 | 98.7 | 98.8 |
| ≥ 200 | 77.2 | 83.1 | 85.7 | 87.1 | 89.2 | 89.4 | 91.5 | 93.7 | 94.1 | 96.1 | 97.4 | 97.8 | 98.5 | 98.5 | 99.3 | 99.4 |
| ≥ 100 | 77.2 | 83.1 | 85.7 | 87.1 | 89.2 | 89.4 | 91.5 | 93.7 | 94.1 | 96.1 | 97.4 | 97.8 | 98.5 | 98.5 | 99.3 | 99.4 |
| ≥ 0 | 77.2 | 83.1 | 85.7 | 87.1 | 89.2 | 89.4 | 91.5 | 93.7 | 94.1 | 96.1 | 97.4 | 97.8 | 98.5 | 98.5 | 99.3 | 99.4 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0145 (OL) 1.0 METERS

2

ATC PRESSION DIVISION
554 ETAC
1. PART 1. HIGH 20

CEILING VERSUS VISIBILITY

252.0
252.0
252.0

27-66

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6600-0-00

| CEILING FEET | VISIBILITY: STATUTE MILES: | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|--------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 |
| NO CEILING | 7.6 | 37.1 | 47.3 | 37.2 | 34.1 | 30.7 | 28.3 | 28.9 | 28.5 | 34.5 | 38.8 | 36.9 | 38.9 | 39.9 | 39.1 | 37.3 |
| ≥ 20000 | 6.8 | 39.3 | 39.7 | 39.1 | 39.4 | 39.4 | 39.2 | 39.7 | 39.7 | 39.7 | 40.0 | 40.1 | 40.1 | 40.1 | 40.4 | 40.7 |
| IV 18000 | 11.9 | 39.1 | 39.1 | 39.2 | 39.7 | 40.3 | 39.5 | 39.5 | 39.8 | 39.8 | 40.1 | 40.1 | 40.2 | 41.2 | 40.5 | 40.7 |
| IV 16000 | 10.7 | 40.0 | 40.0 | 40.1 | 40.3 | 40.3 | 40.4 | 40.7 | 40.7 | 40.7 | 40.9 | 40.9 | 41.0 | 41.0 | 41.0 | 41.7 |
| IV 14000 | 41.5 | 41.7 | 41.7 | 41.7 | 42.1 | 42.1 | 42.2 | 42.3 | 42.4 | 42.4 | 42.7 | 42.7 | 42.8 | 42.8 | 43.1 | 43.3 |
| IV 12000 | 43.3 | 43.7 | 43.7 | 43.7 | 44.1 | 44.1 | 44.2 | 44.4 | 44.4 | 44.4 | 44.7 | 44.7 | 44.8 | 44.8 | 45.1 | 45.3 |
| IV 10000 | 47.4 | 47.6 | 47.6 | 47.7 | 48.1 | 48.1 | 48.2 | 48.3 | 48.3 | 48.6 | 48.7 | 49.1 | 49.1 | 49.2 | 49.2 | 49.3 |
| IV 9000 | 49.6 | 49.9 | 49.9 | 50.1 | 50.4 | 50.4 | 50.5 | 50.5 | 50.9 | 51.3 | 51.3 | 51.4 | 51.4 | 51.4 | 51.6 | 52.1 |
| IV 8000 | 52.5 | 52.7 | 52.7 | 53.1 | 53.2 | 53.2 | 53.4 | 53.7 | 53.7 | 53.8 | 54.1 | 54.1 | 54.3 | 54.3 | 54.5 | 55.0 |
| IV 7000 | 56.5 | 56.9 | 57.1 | 57.3 | 57.6 | 57.6 | 57.6 | 58.1 | 58.0 | 58.2 | 58.5 | 58.5 | 58.6 | 58.6 | 59.0 | 59.3 |
| IV 6000 | 57.8 | 58.2 | 58.4 | 58.6 | 58.9 | 58.9 | 59.1 | 59.1 | 59.3 | 59.5 | 59.8 | 59.8 | 59.9 | 59.9 | 60.3 | 60.6 |
| IV 5000 | 64.3 | 64.8 | 65.1 | 65.4 | 65.6 | 65.6 | 65.8 | 66.1 | 66.1 | 66.2 | 66.3 | 66.3 | 66.7 | 66.7 | 67.1 | 67.4 |
| IV 4500 | 77.4 | 78.2 | 78.6 | 78.8 | 79.0 | 79.0 | 79.3 | 79.3 | 79.5 | 79.6 | 79.7 | 79.7 | 79.8 | 79.8 | 80.1 | 80.4 |
| IV 4000 | 78.4 | 78.8 | 79.2 | 79.2 | 79.4 | 79.4 | 79.6 | 79.6 | 79.9 | 79.9 | 80.1 | 80.5 | 80.5 | 80.6 | 80.8 | 81.2 |
| IV 3500 | 72.2 | 74.5 | 74.9 | 75.7 | 75.9 | 75.9 | 76.2 | 76.5 | 76.5 | 76.7 | 77.1 | 77.1 | 77.2 | 77.2 | 77.3 | 77.3 |
| IV 3000 | 74.7 | 77.4 | 77.4 | 78.6 | 79.1 | 79.2 | 79.6 | 79.6 | 79.9 | 80.1 | 80.5 | 80.5 | 80.6 | 80.6 | 81.0 | 81.2 |
| IV 2500 | 75.7 | 79.0 | 80.0 | 81.4 | 81.9 | 82.2 | 82.5 | 83.3 | 83.3 | 83.7 | 84.0 | 84.1 | 84.2 | 84.2 | 84.5 | 84.9 |
| IV 2000 | 77.9 | 81.4 | 82.2 | 83.2 | 83.7 | 84.2 | 84.8 | 85.3 | 85.6 | 85.9 | 86.3 | 86.3 | 86.4 | 86.4 | 86.8 | 87.1 |
| IV 1800 | 78.0 | 81.7 | 82.5 | 83.7 | 84.3 | 84.8 | 85.3 | 86.1 | 86.2 | 86.6 | 87.0 | 87.3 | 87.3 | 87.3 | 87.7 | 87.8 |
| IV 1600 | 78.3 | 82.3 | 82.9 | 84.2 | 85.0 | 85.7 | 86.3 | 87.0 | 87.6 | 88.3 | 88.9 | 89.0 | 89.0 | 89.0 | 89.3 | 89.7 |
| IV 1400 | 78.6 | 82.6 | 83.5 | 84.9 | 85.9 | 86.4 | 87.0 | 88.2 | 88.7 | 89.8 | 90.2 | 90.2 | 90.3 | 90.3 | 90.7 | 91.0 |
| IV 1200 | 78.9 | 82.7 | 83.6 | 85.1 | 86.1 | 86.5 | 87.1 | 88.3 | 88.8 | 90.1 | 90.4 | 90.4 | 90.5 | 90.5 | 90.9 | 91.3 |
| IV 1000 | 78.8 | 83.1 | 83.9 | 85.3 | 86.4 | 86.9 | 87.7 | 89.1 | 89.6 | 90.9 | 91.3 | 91.5 | 91.6 | 91.6 | 92.0 | 92.4 |
| IV 900 | 79.0 | 83.2 | 84.2 | 85.7 | 86.8 | 87.2 | 88.1 | 89.5 | 90.1 | 91.5 | 92.1 | 92.3 | 92.4 | 92.4 | 92.8 | 93.1 |
| IV 800 | 79.0 | 83.3 | 84.4 | 85.9 | 87.1 | 87.6 | 88.4 | 90.0 | 90.4 | 92.0 | 92.9 | 93.1 | 93.4 | 93.4 | 93.7 | 94.1 |
| IV 700 | 79.0 | 83.5 | 84.4 | 85.9 | 87.1 | 87.6 | 88.4 | 90.0 | 90.4 | 92.0 | 92.9 | 93.1 | 93.4 | 93.4 | 93.7 | 94.1 |
| IV 600 | 79.0 | 83.5 | 84.4 | 85.9 | 87.1 | 87.6 | 88.4 | 90.0 | 90.4 | 92.0 | 92.9 | 93.1 | 93.4 | 93.4 | 93.7 | 94.1 |
| IV 500 | 79.0 | 83.5 | 84.4 | 85.9 | 87.1 | 87.6 | 88.4 | 90.0 | 90.4 | 92.0 | 92.9 | 93.1 | 93.4 | 93.4 | 93.7 | 94.1 |
| IV 400 | 79.1 | 83.9 | 85.0 | 86.6 | 87.9 | 88.3 | 89.5 | 91.0 | 91.5 | 93.9 | 95.0 | 95.5 | 96.3 | 96.3 | 96.7 | 97.0 |
| IV 300 | 79.2 | 84.0 | 85.1 | 86.9 | 88.4 | 89.0 | 90.0 | 91.5 | 92.0 | 94.4 | 95.6 | 96.1 | 96.9 | 96.9 | 97.1 | 97.8 |
| IV 200 | 79.2 | 84.0 | 85.2 | 87.0 | 88.5 | 89.1 | 90.1 | 91.5 | 92.1 | 94.6 | 96.0 | 96.5 | 97.5 | 97.5 | 98.1 | 98.5 |
| IV 100 | 79.2 | 84.0 | 85.2 | 87.0 | 88.5 | 89.1 | 90.1 | 91.5 | 92.1 | 94.7 | 96.1 | 96.6 | 97.8 | 97.8 | 98.4 | 98.8 |
| IV 0 | 79.2 | 84.2 | 85.3 | 87.1 | 88.7 | 89.2 | 90.3 | 91.6 | 92.3 | 94.9 | 96.3 | 96.8 | 98.2 | 98.2 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14.5 (OL 1) PREPARED BY THE AIR FORCE ENGINEERING CENTER

DATA PROCESSING DIVISION
USAF ETAC
AIR CENTER E-1167/40

CEILING VERSUS VISIBILITY

STATION NAME: FORT GEORGE
E-1167/40

57-06

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥.5 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥.16 | ≥.1 |
| NO CEILING | 17.7 | 43.3 | 33.3 | 33.3 | 33.3 | 33.3 | 33.3 | 33.3 | 33.3 | 33.3 | 33.3 | 33.3 | 33.3 | 33.3 | 33.3 | 33.3 |
| ≥ 20000 | 6.5 | 27.4 | 37.4 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 18000 | 7.5 | 27.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 16000 | 7.5 | 27.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 14000 | 7.5 | 27.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 12000 | 7.5 | 27.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 10000 | 7.5 | 27.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 9000 | 7.5 | 27.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 8000 | 7.5 | 27.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 7000 | 7.5 | 27.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 6000 | 7.5 | 27.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 5000 | 7.5 | 27.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 4500 | 7.5 | 27.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 4000 | 7.5 | 27.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 3500 | 7.5 | 27.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 3000 | 7.5 | 27.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 2500 | 7.5 | 27.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 2000 | 7.5 | 27.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 1800 | 7.5 | 27.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 1500 | 7.5 | 27.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 1200 | 7.5 | 27.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 1000 | 7.5 | 27.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 900 | 7.5 | 27.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 800 | 7.5 | 27.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 700 | 7.5 | 27.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 600 | 7.5 | 27.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 500 | 7.5 | 27.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 400 | 7.5 | 27.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 300 | 7.5 | 27.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 200 | 7.5 | 27.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 100 | 7.5 | 27.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 0 | 7.5 | 27.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |

TOTAL NUMBER OF OBSERVATIONS

76

USAF ETAC 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

12

DATA PROCESS DIVISION
USAF ETAC
AIR CENTER KEMER 66

CEILING VERSUS VISIBILITY

57-68

57-68

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12-1-1968

| CEILING FEET | VISIBILITY, STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 11.5 | 31.9 | 30.9 | 31.1 | 31.3 | 31.4 | 31.7 | 31.7 | 31.7 | 31.7 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 |
| ≥ 20000 | 7.1 | 27.2 | 27.3 | 27.5 | 28.1 | 28.1 | 28.4 | 28.4 | 28.4 | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 |
| ≥ 18000 | 7.4 | 27.0 | 27.4 | 28.1 | 28.4 | 28.5 | 28.9 | 28.9 | 28.9 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 |
| ≥ 16000 | 7.5 | 26.1 | 26.3 | 26.7 | 27.2 | 27.2 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 | 27.6 |
| ≥ 14000 | 7.5 | 26.3 | 26.7 | 27.4 | 27.7 | 27.7 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 |
| ≥ 12000 | 7.9 | 24.1 | 24.3 | 24.7 | 25.2 | 25.2 | 25.6 | 25.6 | 25.6 | 25.6 | 25.6 | 25.6 | 25.6 | 25.6 | 25.6 | 25.6 |
| ≥ 10000 | 8.9 | 22.2 | 22.4 | 22.8 | 23.3 | 23.3 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |
| ≥ 9000 | 9.7 | 21.1 | 21.3 | 21.7 | 22.2 | 22.2 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 | 22.6 |
| ≥ 8000 | 10.7 | 20.1 | 20.3 | 20.7 | 21.2 | 21.2 | 21.6 | 21.6 | 21.6 | 21.6 | 21.6 | 21.6 | 21.6 | 21.6 | 21.6 | 21.6 |
| ≥ 7000 | 11.6 | 19.2 | 19.4 | 19.8 | 20.3 | 20.3 | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 | 20.7 |
| ≥ 6000 | 12.5 | 18.2 | 18.4 | 18.8 | 19.3 | 19.3 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 | 19.7 |
| ≥ 5000 | 13.4 | 17.2 | 17.4 | 17.8 | 18.3 | 18.3 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 |
| ≥ 4500 | 14.3 | 16.2 | 16.4 | 16.8 | 17.3 | 17.3 | 17.7 | 17.7 | 17.7 | 17.7 | 17.7 | 17.7 | 17.7 | 17.7 | 17.7 | 17.7 |
| ≥ 4000 | 15.2 | 15.2 | 15.4 | 15.8 | 16.3 | 16.3 | 16.7 | 16.7 | 16.7 | 16.7 | 16.7 | 16.7 | 16.7 | 16.7 | 16.7 | 16.7 |
| ≥ 3500 | 16.1 | 14.2 | 14.4 | 14.8 | 15.3 | 15.3 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 | 15.7 |
| ≥ 3000 | 17.0 | 13.2 | 13.4 | 13.8 | 14.3 | 14.3 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 |
| ≥ 2500 | 17.9 | 12.2 | 12.4 | 12.8 | 13.3 | 13.3 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 | 13.7 |
| ≥ 2000 | 18.8 | 11.2 | 11.4 | 11.8 | 12.3 | 12.3 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 |
| ≥ 1800 | 19.7 | 10.2 | 10.4 | 10.8 | 11.3 | 11.3 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 |
| ≥ 1500 | 20.6 | 9.2 | 9.4 | 9.8 | 10.3 | 10.3 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 | 10.7 |
| ≥ 1200 | 21.5 | 8.2 | 8.4 | 8.8 | 9.3 | 9.3 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 | 9.7 |
| ≥ 1000 | 22.4 | 7.2 | 7.4 | 7.8 | 8.3 | 8.3 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 |
| ≥ 900 | 23.3 | 6.2 | 6.4 | 6.8 | 7.3 | 7.3 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 |
| ≥ 800 | 24.2 | 5.2 | 5.4 | 5.8 | 6.3 | 6.3 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 | 6.7 |
| ≥ 700 | 25.1 | 4.2 | 4.4 | 4.8 | 5.3 | 5.3 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 |
| ≥ 600 | 26.0 | 3.2 | 3.4 | 3.8 | 4.3 | 4.3 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 |
| ≥ 500 | 26.9 | 2.2 | 2.4 | 2.8 | 3.3 | 3.3 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 | 3.7 |
| ≥ 400 | 27.8 | 1.2 | 1.4 | 1.8 | 2.3 | 2.3 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| ≥ 300 | 28.7 | 0.2 | 0.4 | 0.8 | 1.3 | 1.3 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| ≥ 200 | 29.6 | 0.2 | 0.4 | 0.8 | 1.3 | 1.3 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| ≥ 100 | 30.5 | 0.2 | 0.4 | 0.8 | 1.3 | 1.3 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| ≥ 0 | 31.4 | 0.2 | 0.4 | 0.8 | 1.3 | 1.3 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |

TOTAL NUMBER OF OBSERVATIONS

344

USAF ETAC 0-145-OL1

AT: P-1551 (P-1551)
 558: 171
 17: 1017-1017

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1000-2000

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 210 | 20 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 |
| ≥ 2000 | 3.0 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| ≥ 1800 | 3.0 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| ≥ 1600 | 3.0 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| ≥ 1400 | 3.0 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| ≥ 1200 | 3.0 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| ≥ 1000 | 3.0 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| ≥ 900 | 3.0 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| ≥ 800 | 3.0 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| ≥ 700 | 3.0 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| ≥ 600 | 3.0 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| ≥ 500 | 3.0 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| ≥ 450 | 3.0 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| ≥ 400 | 3.0 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| ≥ 350 | 3.0 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| ≥ 300 | 3.0 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| ≥ 250 | 3.0 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| ≥ 200 | 3.0 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| ≥ 180 | 3.0 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| ≥ 160 | 3.0 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| ≥ 140 | 3.0 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| ≥ 120 | 3.0 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| ≥ 100 | 3.0 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| ≥ 90 | 3.0 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| ≥ 80 | 3.0 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| ≥ 70 | 3.0 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| ≥ 60 | 3.0 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| ≥ 50 | 3.0 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| ≥ 40 | 3.0 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| ≥ 30 | 3.0 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| ≥ 20 | 3.0 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| ≥ 10 | 3.0 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0145:01

DATA PROCESSING DIVISION
USAF ETAC
WRIGHT PATTENSON AIR FORCE BASE

CEILING VERSUS VISIBILITY

REPORT NUMBER: 0-14-5 (OL 1)
DATE: 1964

57-66

1964

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

| CEILING FEET | VISIBILITY: STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 7.8 | 18.8 | 38.8 | 37.7 | 39.7 | 32.7 | 39.7 | 40.0 | 40.0 | 40.1 | 40.2 | 40.4 | 41.0 | 41.1 | 41.2 | 41.3 |
| ≥ 20000 | 9.7 | 40.7 | 40.7 | 41.7 | 41.7 | 41.7 | 41.7 | 42.0 | 42.0 | 42.1 | 42.2 | 42.4 | 43.0 | 43.1 | 43.2 | 43.3 |
| ≥ 18000 | 10.0 | 40.9 | 40.9 | 41.3 | 42.0 | 42.0 | 42.0 | 42.2 | 42.2 | 42.3 | 42.4 | 42.7 | 43.3 | 43.4 | 43.7 | 43.8 |
| ≥ 16000 | 10.1 | 41.0 | 41.0 | 41.4 | 42.1 | 42.1 | 42.1 | 42.3 | 42.3 | 42.4 | 42.6 | 42.7 | 43.4 | 43.5 | 43.8 | 44.0 |
| ≥ 14000 | 11.1 | 42.1 | 42.1 | 42.4 | 43.1 | 43.1 | 43.1 | 43.4 | 43.4 | 43.5 | 43.6 | 43.8 | 44.4 | 44.6 | 44.7 | 45.0 |
| ≥ 12000 | 11.1 | 42.1 | 42.1 | 42.4 | 43.1 | 43.1 | 43.1 | 43.4 | 43.4 | 43.5 | 43.6 | 43.8 | 44.4 | 44.6 | 44.7 | 45.0 |
| ≥ 10000 | 11.6 | 43.6 | 43.6 | 44.0 | 44.6 | 44.6 | 44.6 | 44.9 | 44.9 | 45.0 | 45.1 | 45.4 | 46.0 | 46.1 | 46.5 | 46.7 |
| ≥ 9000 | 11.7 | 43.7 | 43.7 | 44.1 | 44.7 | 44.7 | 44.7 | 45.0 | 45.0 | 45.1 | 45.2 | 45.5 | 46.1 | 46.2 | 46.6 | 46.8 |
| ≥ 8000 | 14.4 | 55.3 | 55.3 | 55.7 | 56.5 | 56.5 | 56.5 | 56.7 | 56.7 | 56.9 | 57.0 | 57.1 | 57.8 | 57.9 | 58.4 | 58.5 |
| ≥ 7000 | 14.5 | 55.3 | 55.3 | 55.7 | 56.5 | 56.5 | 56.5 | 56.7 | 56.7 | 56.9 | 57.0 | 57.1 | 57.8 | 57.9 | 58.4 | 58.5 |
| ≥ 6000 | 16.6 | 63.9 | 63.9 | 64.3 | 65.1 | 65.1 | 65.1 | 65.4 | 65.4 | 65.6 | 65.7 | 65.8 | 66.1 | 66.7 | 67.0 | 67.4 |
| ≥ 5000 | 16.6 | 63.9 | 63.9 | 64.3 | 65.1 | 65.1 | 65.1 | 65.4 | 65.4 | 65.6 | 65.7 | 65.8 | 66.1 | 66.7 | 67.0 | 67.4 |
| ≥ 4500 | 17.1 | 64.1 | 64.1 | 64.5 | 65.3 | 65.3 | 65.3 | 65.6 | 65.6 | 65.8 | 65.9 | 66.0 | 66.3 | 66.9 | 67.2 | 67.6 |
| ≥ 4000 | 17.1 | 64.1 | 64.1 | 64.5 | 65.3 | 65.3 | 65.3 | 65.6 | 65.6 | 65.8 | 65.9 | 66.0 | 66.3 | 66.9 | 67.2 | 67.6 |
| ≥ 3500 | 17.3 | 65.2 | 65.2 | 65.6 | 66.4 | 66.4 | 66.4 | 66.7 | 66.7 | 66.9 | 67.0 | 67.1 | 67.4 | 67.9 | 68.2 | 68.6 |
| ≥ 3000 | 17.3 | 65.2 | 65.2 | 65.6 | 66.4 | 66.4 | 66.4 | 66.7 | 66.7 | 66.9 | 67.0 | 67.1 | 67.4 | 67.9 | 68.2 | 68.6 |
| ≥ 2500 | 17.6 | 66.1 | 66.1 | 66.5 | 67.3 | 67.3 | 67.3 | 67.6 | 67.6 | 67.8 | 67.9 | 68.0 | 68.3 | 68.8 | 69.1 | 69.5 |
| ≥ 2000 | 17.7 | 66.1 | 66.1 | 66.5 | 67.3 | 67.3 | 67.3 | 67.6 | 67.6 | 67.8 | 67.9 | 68.0 | 68.3 | 68.8 | 69.1 | 69.5 |
| ≥ 1800 | 17.4 | 65.4 | 65.4 | 65.8 | 66.6 | 66.6 | 66.6 | 66.9 | 66.9 | 67.1 | 67.2 | 67.3 | 67.6 | 68.1 | 68.4 | 68.8 |
| ≥ 1500 | 17.7 | 66.1 | 66.1 | 66.5 | 67.3 | 67.3 | 67.3 | 67.6 | 67.6 | 67.8 | 67.9 | 68.0 | 68.3 | 68.8 | 69.1 | 69.5 |
| ≥ 1200 | 17.1 | 62.5 | 62.5 | 62.9 | 63.7 | 63.7 | 63.7 | 64.0 | 64.0 | 64.2 | 64.3 | 64.4 | 64.7 | 65.2 | 65.5 | 65.9 |
| ≥ 1000 | 17.1 | 62.5 | 62.5 | 62.9 | 63.7 | 63.7 | 63.7 | 64.0 | 64.0 | 64.2 | 64.3 | 64.4 | 64.7 | 65.2 | 65.5 | 65.9 |
| ≥ 900 | 17.3 | 62.7 | 62.7 | 63.1 | 63.9 | 63.9 | 63.9 | 64.2 | 64.2 | 64.4 | 64.5 | 64.6 | 64.9 | 65.4 | 65.7 | 66.1 |
| ≥ 800 | 17.3 | 62.7 | 62.7 | 63.1 | 63.9 | 63.9 | 63.9 | 64.2 | 64.2 | 64.4 | 64.5 | 64.6 | 64.9 | 65.4 | 65.7 | 66.1 |
| ≥ 700 | 17.3 | 62.7 | 62.7 | 63.1 | 63.9 | 63.9 | 63.9 | 64.2 | 64.2 | 64.4 | 64.5 | 64.6 | 64.9 | 65.4 | 65.7 | 66.1 |
| ≥ 600 | 17.3 | 62.7 | 62.7 | 63.1 | 63.9 | 63.9 | 63.9 | 64.2 | 64.2 | 64.4 | 64.5 | 64.6 | 64.9 | 65.4 | 65.7 | 66.1 |
| ≥ 500 | 17.3 | 62.7 | 62.7 | 63.1 | 63.9 | 63.9 | 63.9 | 64.2 | 64.2 | 64.4 | 64.5 | 64.6 | 64.9 | 65.4 | 65.7 | 66.1 |
| ≥ 400 | 17.4 | 63.0 | 63.0 | 63.4 | 64.2 | 64.2 | 64.2 | 64.5 | 64.5 | 64.7 | 64.8 | 64.9 | 65.2 | 65.7 | 66.0 | 66.4 |
| ≥ 300 | 17.4 | 63.0 | 63.0 | 63.4 | 64.2 | 64.2 | 64.2 | 64.5 | 64.5 | 64.7 | 64.8 | 64.9 | 65.2 | 65.7 | 66.0 | 66.4 |
| ≥ 200 | 17.4 | 63.0 | 63.0 | 63.4 | 64.2 | 64.2 | 64.2 | 64.5 | 64.5 | 64.7 | 64.8 | 64.9 | 65.2 | 65.7 | 66.0 | 66.4 |
| ≥ 100 | 17.4 | 63.0 | 63.0 | 63.4 | 64.2 | 64.2 | 64.2 | 64.5 | 64.5 | 64.7 | 64.8 | 64.9 | 65.2 | 65.7 | 66.0 | 66.4 |
| ≥ 0 | 17.4 | 63.0 | 63.0 | 63.4 | 64.2 | 64.2 | 64.2 | 64.5 | 64.5 | 64.7 | 64.8 | 64.9 | 65.2 | 65.7 | 66.0 | 66.4 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR-SEA-RESEARCH SERVICE/AC

CEILING VERSUS VISIBILITY

70272 PRINCE GEORGE, CANADA PT

57-65

YEAR

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0000

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|------|------|------|-------|------|-------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .5 | ≥ .3 | ≥ .25 | ≥ .2 | ≥ .15 | ≥ .1 | ≥ 0 |
| NO CEILING | 50.0 | 48.1 | 49.2 | 49.4 | 49.5 | 49.6 | 49.7 | 49.9 | 49.9 | 51.3 | 51.8 | 51.8 | 51.2 | 51.2 | 51.0 | 51.2 |
| ≥ 20000 | 52.2 | 52.5 | 52.6 | 52.7 | 53.1 | 53.1 | 53.2 | 53.2 | 53.2 | 53.7 | 54.1 | 54.1 | 54.5 | 54.5 | 54.1 | 55.1 |
| IV 18000 | 52.2 | 52.5 | 52.6 | 52.7 | 53.1 | 53.1 | 53.2 | 53.2 | 53.2 | 53.7 | 54.1 | 54.1 | 54.5 | 54.5 | 54.1 | 55.1 |
| IV 16000 | 52.2 | 52.5 | 52.6 | 52.7 | 53.1 | 53.1 | 53.2 | 53.2 | 53.2 | 53.7 | 54.1 | 54.1 | 54.5 | 54.5 | 54.1 | 55.1 |
| IV 14000 | 53.4 | 54.1 | 54.2 | 54.3 | 54.7 | 54.7 | 54.8 | 54.8 | 54.8 | 55.3 | 55.7 | 55.9 | 56.1 | 56.2 | 56.0 | 56.3 |
| IV 12000 | 56.6 | 56.9 | 57.2 | 57.1 | 57.5 | 57.5 | 57.6 | 57.6 | 57.6 | 58.1 | 58.5 | 58.7 | 58.9 | 59.1 | 59.4 | 59.8 |
| IV 10000 | 60.3 | 60.6 | 60.8 | 60.9 | 61.4 | 61.4 | 61.5 | 61.5 | 61.5 | 61.9 | 62.4 | 62.9 | 62.9 | 62.9 | 63.2 | 63.8 |
| IV 9000 | 62.0 | 62.4 | 62.5 | 62.6 | 63.1 | 63.1 | 63.2 | 63.2 | 63.2 | 63.7 | 64.1 | 64.3 | 64.5 | 64.6 | 64.7 | 65.2 |
| IV 8000 | 63.3 | 63.7 | 63.8 | 63.9 | 64.5 | 64.5 | 64.6 | 64.6 | 64.6 | 65.1 | 65.5 | 65.7 | 65.9 | 66.1 | 66.3 | 66.7 |
| IV 7000 | 67.7 | 68.1 | 68.2 | 68.3 | 68.9 | 68.9 | 69.1 | 69.1 | 69.1 | 69.5 | 69.9 | 70.1 | 70.3 | 70.4 | 70.6 | 71.1 |
| IV 6000 | 70.1 | 70.4 | 70.5 | 70.5 | 71.1 | 71.1 | 71.3 | 71.4 | 71.4 | 71.9 | 72.4 | 72.7 | 72.8 | 72.9 | 73.2 | 73.5 |
| IV 5000 | 73.4 | 73.9 | 74.0 | 74.2 | 74.9 | 74.9 | 75.1 | 75.1 | 75.1 | 75.7 | 76.1 | 76.3 | 76.6 | 76.7 | 77.1 | 77.3 |
| IV 4500 | 75.3 | 75.7 | 75.8 | 76.0 | 76.6 | 76.6 | 76.9 | 76.9 | 76.9 | 77.3 | 78.0 | 78.0 | 78.4 | 78.5 | 78.8 | 79.1 |
| IV 4000 | 78.4 | 78.9 | 79.0 | 79.2 | 80.0 | 80.0 | 80.1 | 80.2 | 80.2 | 80.9 | 81.3 | 81.5 | 81.7 | 81.8 | 82.2 | 82.7 |
| IV 3500 | 79.5 | 80.1 | 80.3 | 80.6 | 81.5 | 81.5 | 81.6 | 81.7 | 81.8 | 81.8 | 82.3 | 82.9 | 83.1 | 83.3 | 83.6 | 84.1 |
| IV 3000 | 81.0 | 81.6 | 81.8 | 82.4 | 83.4 | 83.7 | 83.9 | 84.1 | 84.0 | 84.6 | 85.1 | 85.1 | 85.5 | 85.6 | 85.9 | 86.5 |
| IV 2500 | 82.3 | 83.4 | 83.7 | 84.2 | 85.3 | 85.5 | 85.8 | 86.0 | 86.0 | 86.7 | 87.2 | 87.4 | 87.6 | 87.7 | 88.1 | 88.4 |
| IV 2000 | 83.5 | 84.7 | 84.9 | 85.0 | 87.0 | 87.2 | 87.5 | 88.1 | 88.1 | 88.8 | 89.4 | 89.7 | 89.8 | 89.9 | 90.2 | 90.7 |
| IV 1800 | 87.7 | 88.8 | 89.1 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| IV 1500 | 89.6 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| IV 1200 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| IV 1000 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| IV 900 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| IV 800 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| IV 700 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| IV 600 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| IV 500 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| IV 400 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| IV 300 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| IV 200 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| IV 100 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| IV 0 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |

TOTAL NUMBER OF OBSERVATIONS

9 37

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS, IF THIS FORM ARE OBSOLETE

ATA PROFESSIONAL DIVISION
SAF ETA
16 EAST FAIRVIEW AVE

CEILING VERSUS VISIBILITY

22201 GEORGE GEORGE C. DIT. 57-66

57-66

YEAR:

58

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-0-0-1

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|-------|------|-------|------|-------|------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.25 | ≥1 | ≥0.75 | ≥0.5 | ≥0.25 | ≥0.1 | ≥0.05 | ≥0 |
| NO CEILING | 30.0 | 37.0 | 37.3 | 37.3 | 37.0 | 37.0 | 37.7 | 37.0 | 37.8 | 30.1 | 38.3 | 31.3 | 31.9 | 31.0 | 39.0 | 40.4 |
| ≥ 20000 | 40.0 | 41.2 | 41.3 | 41.3 | 41.0 | 41.0 | 41.7 | 41.0 | 41.8 | 42.0 | 42.3 | 42.0 | 42.9 | 41.0 | 43.0 | 44.4 |
| ≥ 18000 | 41.0 | 41.4 | 41.5 | 41.5 | 41.0 | 41.0 | 41.9 | 42.0 | 42.0 | 42.3 | 42.5 | 42.5 | 43.1 | 42.2 | 44.1 | 44.8 |
| ≥ 16000 | 42.2 | 42.5 | 42.7 | 42.7 | 43.0 | 43.0 | 43.1 | 43.2 | 43.2 | 43.4 | 43.7 | 43.7 | 44.3 | 44.4 | 45.0 | 45.0 |
| ≥ 14000 | 43.9 | 44.3 | 44.4 | 44.4 | 44.7 | 44.7 | 44.8 | 44.8 | 44.9 | 45.2 | 45.4 | 45.4 | 46.0 | 46.1 | 47.0 | 47.9 |
| ≥ 12000 | 47.1 | 47.5 | 47.6 | 47.6 | 48.0 | 48.0 | 48.1 | 48.2 | 48.2 | 48.4 | 48.6 | 48.6 | 49.2 | 49.4 | 50.2 | 50.8 |
| ≥ 10000 | 51.0 | 51.4 | 51.5 | 51.5 | 51.9 | 51.9 | 51.9 | 52.0 | 52.0 | 52.3 | 52.5 | 52.5 | 53.2 | 53.3 | 54.2 | 54.8 |
| ≥ 9000 | 56.1 | 56.5 | 56.7 | 56.7 | 57.0 | 57.0 | 57.1 | 57.2 | 57.2 | 57.4 | 57.6 | 57.6 | 58.4 | 58.5 | 59.4 | 60.0 |
| ≥ 8000 | 59.5 | 59.9 | 60.0 | 60.1 | 60.4 | 60.4 | 60.5 | 60.6 | 60.6 | 60.9 | 61.1 | 61.1 | 61.9 | 62.0 | 62.9 | 63.8 |
| ≥ 7000 | 64.9 | 65.4 | 65.5 | 65.6 | 65.9 | 65.9 | 66.0 | 66.1 | 66.1 | 66.3 | 66.6 | 66.6 | 67.4 | 67.5 | 68.4 | 69.2 |
| ≥ 6000 | 67.5 | 68.0 | 68.1 | 68.2 | 68.3 | 68.3 | 68.4 | 68.7 | 68.7 | 68.9 | 69.1 | 69.2 | 70.0 | 70.1 | 71.0 | 71.3 |
| ≥ 5000 | 70.4 | 70.9 | 71.0 | 71.1 | 71.4 | 71.4 | 71.5 | 71.6 | 71.6 | 71.8 | 72.0 | 72.0 | 73.0 | 73.1 | 74.0 | 74.0 |
| ≥ 4500 | 73.0 | 73.5 | 73.7 | 73.8 | 74.2 | 74.2 | 74.3 | 74.4 | 74.4 | 74.6 | 74.8 | 74.8 | 75.8 | 75.9 | 76.8 | 77.4 |
| ≥ 4000 | 76.1 | 76.7 | 76.8 | 76.9 | 77.3 | 77.3 | 77.4 | 77.5 | 77.5 | 77.7 | 78.0 | 78.1 | 78.9 | 79.0 | 79.9 | 80.9 |
| ≥ 3500 | 78.3 | 78.6 | 78.7 | 78.8 | 79.4 | 79.4 | 79.5 | 79.6 | 79.6 | 79.8 | 80.0 | 80.1 | 81.0 | 81.1 | 81.9 | 82.8 |
| ≥ 3000 | 79.7 | 79.9 | 80.0 | 80.0 | 80.3 | 80.3 | 80.4 | 80.5 | 80.5 | 80.8 | 81.0 | 81.1 | 82.2 | 82.3 | 83.1 | 84.0 |
| ≥ 2500 | 80.8 | 81.9 | 82.2 | 82.9 | 83.5 | 83.7 | 83.9 | 84.0 | 84.0 | 84.3 | 84.5 | 84.5 | 85.7 | 85.8 | 86.7 | 87.5 |
| ≥ 2000 | 81.8 | 83.2 | 83.8 | 84.5 | 85.3 | 85.6 | 86.1 | 86.2 | 86.2 | 86.7 | 86.9 | 87.0 | 88.1 | 88.2 | 89.0 | 89.9 |
| ≥ 1800 | 82.0 | 83.4 | 84.0 | 84.7 | 85.7 | 85.8 | 86.5 | 86.7 | 86.7 | 87.4 | 87.6 | 87.7 | 88.8 | 88.9 | 89.8 | 90.6 |
| ≥ 1500 | 82.6 | 84.2 | 84.9 | 85.7 | 86.7 | 86.8 | 87.0 | 88.1 | 88.1 | 89.1 | 89.5 | 89.6 | 90.6 | 90.8 | 91.6 | 92.3 |
| ≥ 1200 | 82.9 | 84.8 | 85.7 | 86.5 | 87.5 | 87.7 | 88.7 | 89.1 | 89.1 | 90.8 | 91.3 | 91.4 | 92.5 | 92.8 | 93.8 | 94.3 |
| ≥ 1000 | 82.9 | 84.9 | 85.9 | 86.7 | 87.7 | 88.0 | 88.9 | 89.4 | 89.4 | 91.1 | 91.6 | 91.7 | 92.8 | 92.9 | 93.8 | 94.6 |
| ≥ 900 | 83.0 | 85.3 | 86.2 | 87.0 | 88.1 | 88.3 | 89.4 | 89.8 | 89.9 | 91.7 | 92.4 | 92.5 | 93.7 | 93.8 | 94.8 | 95.5 |
| ≥ 800 | 83.2 | 85.5 | 86.5 | 87.2 | 88.3 | 88.5 | 89.6 | 90.0 | 90.1 | 91.9 | 92.8 | 93.0 | 94.1 | 94.2 | 95.1 | 95.9 |
| ≥ 700 | 83.3 | 85.9 | 86.9 | 87.6 | 88.7 | 88.9 | 90.0 | 90.4 | 90.5 | 92.4 | 93.2 | 93.3 | 94.8 | 94.9 | 95.8 | 96.6 |
| ≥ 600 | 83.3 | 85.9 | 86.9 | 87.6 | 88.8 | 89.0 | 90.1 | 90.5 | 90.6 | 92.5 | 93.3 | 93.9 | 95.2 | 95.3 | 96.1 | 97.0 |
| ≥ 500 | 83.5 | 86.0 | 87.0 | 87.7 | 88.9 | 89.1 | 90.2 | 90.6 | 90.8 | 92.6 | 93.4 | 94.0 | 95.3 | 95.5 | 96.3 | 97.2 |
| ≥ 400 | 83.7 | 86.1 | 87.1 | 87.8 | 89.0 | 89.2 | 90.3 | 90.8 | 90.9 | 92.7 | 93.5 | 94.1 | 95.4 | 95.6 | 96.7 | 97.7 |
| ≥ 300 | 83.7 | 86.1 | 87.1 | 88.0 | 89.1 | 89.4 | 90.4 | 91.0 | 91.1 | 92.9 | 93.8 | 94.3 | 95.9 | 96.1 | 97.2 | 98.2 |
| ≥ 200 | 83.7 | 86.1 | 87.1 | 88.0 | 89.1 | 89.4 | 90.4 | 91.1 | 91.2 | 93.2 | 94.1 | 94.0 | 96.5 | 96.7 | 97.8 | 98.7 |
| ≥ 100 | 83.7 | 86.1 | 87.1 | 88.0 | 89.1 | 89.4 | 90.4 | 91.2 | 91.3 | 93.3 | 94.2 | 94.7 | 96.6 | 96.9 | 98.1 | 99.1 |
| ≥ 0 | 83.7 | 86.1 | 87.1 | 88.0 | 89.1 | 89.4 | 90.4 | 91.2 | 91.3 | 93.3 | 94.2 | 94.7 | 96.6 | 96.9 | 98.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

93

USAF ETAC 0-14-5 (OL 1) 1000-0-0-1 1000-0-0-1 1000-0-0-1 1000-0-0-1

2

DATA PROCESSING DIVISION
USAF ETAC
AIR FORCE ENGINEERING

CEILING VERSUS VISIBILITY

252-1

27-66

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 18.3 | 38.5 | 38.8 | 38.8 | 38.8 | 38.8 | 38.7 | 38.9 | 38.9 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 |
| ≥ 20000 | 45.5 | 45.5 | 46.0 | 46.1 | 46.1 | 46.1 | 46.2 | 46.2 | 46.2 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 |
| ≥ 18000 | 45.9 | 46.2 | 46.5 | 46.6 | 46.6 | 46.6 | 46.7 | 46.7 | 46.7 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| ≥ 16000 | 47.0 | 47.3 | 47.5 | 47.6 | 47.6 | 47.6 | 47.7 | 47.7 | 47.7 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 |
| ≥ 14000 | 49.9 | 50.2 | 50.4 | 50.5 | 50.5 | 50.5 | 50.5 | 50.6 | 50.6 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 |
| ≥ 12000 | 54.2 | 54.6 | 54.8 | 54.9 | 54.9 | 54.9 | 55.1 | 55.1 | 55.1 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 |
| ≥ 10000 | 58.1 | 58.6 | 58.8 | 58.9 | 58.9 | 58.9 | 59.0 | 59.0 | 59.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 |
| ≥ 9000 | 60.9 | 61.4 | 61.6 | 61.7 | 61.7 | 61.7 | 61.8 | 61.8 | 61.8 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| ≥ 8000 | 64.7 | 65.5 | 65.7 | 65.9 | 65.9 | 65.9 | 66.0 | 66.0 | 66.0 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.2 | 66.2 | 66.2 |
| ≥ 7000 | 68.8 | 69.6 | 69.8 | 70.0 | 70.0 | 70.0 | 70.1 | 70.1 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.3 | 70.3 | 70.3 |
| ≥ 6000 | 72.4 | 73.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.7 | 73.7 | 73.7 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.9 | 73.9 | 73.9 |
| ≥ 5000 | 75.1 | 75.8 | 76.0 | 76.2 | 76.2 | 76.2 | 76.3 | 76.3 | 76.3 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.5 | 76.5 | 76.5 |
| ≥ 4500 | 76.6 | 77.4 | 77.6 | 77.8 | 78.0 | 78.0 | 78.2 | 78.2 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.4 | 78.4 | 78.4 |
| ≥ 4000 | 79.0 | 79.9 | 80.4 | 80.6 | 80.8 | 80.8 | 81.1 | 81.1 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 |
| ≥ 3500 | 81.4 | 81.9 | 82.2 | 82.3 | 82.3 | 82.3 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.8 | 82.8 | 82.8 |
| ≥ 3000 | 83.8 | 84.4 | 84.7 | 85.1 | 85.1 | 85.1 | 85.4 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.6 | 85.6 | 85.6 |
| ≥ 2500 | 86.4 | 87.4 | 87.6 | 88.3 | 88.3 | 88.3 | 88.7 | 88.7 | 88.7 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.6 | 89.6 | 89.6 |
| ≥ 2000 | 88.8 | 89.7 | 89.7 | 90.6 | 90.6 | 90.6 | 91.2 | 91.2 | 91.2 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.5 | 93.5 | 93.5 |
| ≥ 1800 | 88.8 | 89.7 | 89.7 | 90.6 | 90.6 | 90.6 | 91.2 | 91.2 | 91.2 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.5 | 93.5 | 93.5 |
| ≥ 1500 | 88.8 | 89.7 | 89.7 | 90.6 | 90.6 | 90.6 | 91.2 | 91.2 | 91.2 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.5 | 93.5 | 93.5 |
| ≥ 1200 | 88.8 | 89.7 | 89.7 | 90.6 | 90.6 | 90.6 | 91.2 | 91.2 | 91.2 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.5 | 93.5 | 93.5 |
| ≥ 1000 | 88.8 | 89.7 | 89.7 | 90.6 | 90.6 | 90.6 | 91.2 | 91.2 | 91.2 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.5 | 93.5 | 93.5 |
| ≥ 900 | 88.8 | 89.7 | 89.7 | 90.6 | 90.6 | 90.6 | 91.2 | 91.2 | 91.2 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.5 | 93.5 | 93.5 |
| ≥ 800 | 88.8 | 89.7 | 89.7 | 90.6 | 90.6 | 90.6 | 91.2 | 91.2 | 91.2 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.5 | 93.5 | 93.5 |
| ≥ 700 | 88.8 | 89.7 | 89.7 | 90.6 | 90.6 | 90.6 | 91.2 | 91.2 | 91.2 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.5 | 93.5 | 93.5 |
| ≥ 600 | 88.8 | 89.7 | 89.7 | 90.6 | 90.6 | 90.6 | 91.2 | 91.2 | 91.2 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.5 | 93.5 | 93.5 |
| ≥ 500 | 88.8 | 89.7 | 89.7 | 90.6 | 90.6 | 90.6 | 91.2 | 91.2 | 91.2 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.5 | 93.5 | 93.5 |
| ≥ 400 | 88.8 | 89.7 | 89.7 | 90.6 | 90.6 | 90.6 | 91.2 | 91.2 | 91.2 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.5 | 93.5 | 93.5 |
| ≥ 300 | 88.8 | 89.7 | 89.7 | 90.6 | 90.6 | 90.6 | 91.2 | 91.2 | 91.2 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.5 | 93.5 | 93.5 |
| ≥ 200 | 88.8 | 89.7 | 89.7 | 90.6 | 90.6 | 90.6 | 91.2 | 91.2 | 91.2 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.5 | 93.5 | 93.5 |
| ≥ 100 | 88.8 | 89.7 | 89.7 | 90.6 | 90.6 | 90.6 | 91.2 | 91.2 | 91.2 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.5 | 93.5 | 93.5 |
| ≥ 0 | 88.8 | 89.7 | 89.7 | 90.6 | 90.6 | 90.6 | 91.2 | 91.2 | 91.2 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.5 | 93.5 | 93.5 |

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC

FORM

0-14-5 (OL) (PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE)

DATA FOR PROBATION DIVISION
USAF ETAC
AIR FORCE RESERVE/AC

CEILING VERSUS VISIBILITY

252-100 OFFICE OF THE JUDGE ADVOCATE
GENERAL

57-66

YEARS

FOR
REPORT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12-1-1966

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|-------|------|-------|------|-------|--------|-------|--------|---------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ 0.5 | ≥ 0.25 | ≥ 0.1 | ≥ 0.05 | ≥ 0.025 | ≥ 0.01 | ≥ 0 |
| NO CEILING ≥ 20000 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 |
| IV 18000 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 |
| IV 16000 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 |
| IV 14000 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| IV 12000 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 |
| IV 10000 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 |
| IV 9000 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 |
| IV 8000 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| IV 7000 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| IV 6000 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| IV 5000 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| IV 4500 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| IV 4000 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| IV 3500 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| IV 3000 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| IV 2500 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| IV 2000 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| IV 1800 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| IV 1500 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| IV 1200 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| IV 1000 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| IV 900 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| IV 800 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| IV 700 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| IV 600 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| IV 500 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV 400 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV 300 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| IV 200 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| IV 100 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| IV 0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |

TOTAL NUMBER OF OBSERVATIONS

932

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

AIR FORCE PROFESSIONAL DIVISION
 USAF ETAC
 AIRCRAFT ENGINEERING

CEILING VERSUS VISIBILITY

STATION NAME: PRINCE GEORGE C. DEPT
 YEAR: 57-66

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|-----------------|----------------------------|-------|-------|-------|-------|---------|-------|---------|---------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 1/2 | ≥ 2 | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1 | ≥ 3/4 | ≥ 1/2 | ≥ 1/4 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 |
| ≥ 20000 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 |
| ≥ 18000 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 |
| ≥ 16000 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 |
| ≥ 14000 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 |
| ≥ 12000 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 |
| ≥ 10000 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 |
| ≥ 9000 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| ≥ 8000 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| ≥ 7000 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| ≥ 6000 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| ≥ 5000 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥ 4500 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 4000 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 3500 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 3000 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 2500 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 2000 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 1800 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 1500 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 1200 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 1000 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 900 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 800 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 700 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 600 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 500 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 400 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 300 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

930

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/AC

CEILING VERSUS VISIBILITY

25204
STATION

PRINCE GEORGE C. DUT WFT
STATION NAME

57-66
YEAR

YEAR

3P
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-2000
WIND SPEED

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 |
| ≥ 20000 | 49.0 | 49.0 | 49.0 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 |
| ≥ 18000 | 49.0 | 49.0 | 49.0 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 |
| ≥ 16000 | 49.4 | 49.4 | 49.4 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 |
| ≥ 14000 | 51.9 | 51.9 | 51.9 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 12000 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| ≥ 10000 | 61.3 | 61.3 | 61.3 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 |
| ≥ 9000 | 64.1 | 64.1 | 64.1 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| ≥ 8000 | 68.3 | 68.3 | 68.3 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| ≥ 7000 | 70.9 | 70.9 | 70.9 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| ≥ 6000 | 74.8 | 74.8 | 74.8 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 5000 | 80.0 | 80.0 | 80.0 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥ 4500 | 82.6 | 82.6 | 82.6 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 4000 | 86.5 | 86.5 | 86.5 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 3500 | 87.8 | 87.8 | 87.8 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 3000 | 90.9 | 90.9 | 90.9 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 2500 | 92.6 | 92.6 | 92.6 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 2000 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 1800 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 1500 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 1200 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 1000 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 900 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 800 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 700 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 600 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 500 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 400 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 300 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 200 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 100 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 0 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC FORM 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROFESSIONAL DIVISION
USAF ETAC
AIR CENTER BANGOR, ME

CEILING VERSUS VISIBILITY

202.6 PRINCE GEORGE, CT, CT

57-66

YEAR

DATE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
NO. OF OBS.

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|--------|------|-------|------|-------|-------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.25 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .16 | ≥ .1 | ≥ 0 |
| NO CEILING | 51.8 | 51.1 | 51.3 | 51.3 | 51.4 | 51.4 | 51.5 | 51.5 | 51.6 | 51.9 | 52.0 | 52.1 | 52.4 | 52.5 | 52.5 | 52.5 |
| ≥ 20000 | 53.3 | 53.7 | 53.9 | 53.9 | 54.0 | 54.0 | 54.1 | 54.2 | 54.2 | 54.5 | 54.6 | 54.6 | 54.9 | 55.1 | 55.4 | 55.4 |
| ≥ 18000 | 53.4 | 53.4 | 54.0 | 54.0 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.6 | 54.7 | 54.9 | 55.1 | 55.2 | 55.5 | 55.5 |
| ≥ 16000 | 54.2 | 54.5 | 54.7 | 54.7 | 54.5 | 54.8 | 54.9 | 55.1 | 55.1 | 55.4 | 55.5 | 55.7 | 55.8 | 55.9 | 56.0 | 56.2 |
| ≥ 14000 | 54.6 | 55.2 | 55.4 | 55.4 | 55.5 | 55.5 | 55.6 | 55.7 | 55.7 | 56.0 | 56.1 | 56.1 | 56.5 | 56.6 | 56.9 | 56.9 |
| ≥ 12000 | 56.3 | 58.6 | 58.8 | 58.8 | 58.9 | 58.9 | 59.0 | 59.1 | 59.1 | 59.5 | 59.6 | 59.8 | 59.9 | 60.0 | 60.3 | 60.3 |
| ≥ 10000 | 62.9 | 63.2 | 63.4 | 63.4 | 63.5 | 63.5 | 63.7 | 63.8 | 63.8 | 64.1 | 64.2 | 64.4 | 64.5 | 64.6 | 64.9 | 64.9 |
| ≥ 9000 | 64.3 | 64.6 | 65.1 | 65.1 | 65.2 | 65.2 | 65.3 | 65.4 | 65.4 | 65.7 | 65.8 | 66.0 | 66.1 | 66.2 | 66.6 | 66.7 |
| ≥ 8000 | 66.9 | 67.2 | 67.4 | 67.4 | 67.5 | 67.5 | 67.6 | 67.7 | 67.7 | 68.1 | 68.2 | 68.4 | 68.5 | 68.6 | 68.9 | 69.0 |
| ≥ 7000 | 71.1 | 71.3 | 71.6 | 71.6 | 71.7 | 71.7 | 71.9 | 72.0 | 72.0 | 72.4 | 72.5 | 72.7 | 72.8 | 72.9 | 73.2 | 73.3 |
| ≥ 6000 | 74.6 | 74.9 | 75.2 | 75.2 | 75.3 | 75.4 | 75.5 | 75.6 | 75.6 | 75.9 | 76.0 | 76.3 | 76.5 | 76.6 | 76.9 | 77.0 |
| ≥ 5000 | 78.6 | 78.9 | 79.2 | 79.2 | 79.4 | 79.5 | 79.6 | 79.7 | 79.7 | 80.0 | 80.1 | 80.7 | 80.5 | 80.6 | 81.0 | 81.1 |
| ≥ 4500 | 80.5 | 80.9 | 81.2 | 81.2 | 81.3 | 81.4 | 81.5 | 81.6 | 81.6 | 82.0 | 82.2 | 82.6 | 82.6 | 82.7 | 83.0 | 83.1 |
| ≥ 4000 | 83.8 | 84.2 | 84.7 | 84.7 | 84.8 | 84.9 | 85.1 | 85.2 | 85.2 | 85.7 | 85.9 | 86.1 | 86.3 | 86.5 | 86.8 | 86.9 |
| ≥ 3500 | 84.6 | 85.4 | 85.9 | 86.0 | 86.1 | 86.2 | 86.3 | 86.5 | 86.5 | 87.0 | 87.2 | 87.4 | 87.8 | 88.0 | 88.3 | 88.4 |
| ≥ 3000 | 85.2 | 86.2 | 86.8 | 86.9 | 87.0 | 87.1 | 87.2 | 87.3 | 87.3 | 87.8 | 88.1 | 88.3 | 88.7 | 88.8 | 89.1 | 89.2 |
| ≥ 2500 | 86.3 | 88.0 | 88.5 | 88.8 | 88.9 | 89.0 | 89.2 | 89.4 | 89.4 | 89.9 | 90.1 | 90.3 | 90.8 | 90.9 | 91.2 | 91.3 |
| ≥ 2000 | 86.9 | 88.5 | 89.0 | 89.8 | 90.3 | 90.5 | 91.1 | 91.2 | 91.2 | 91.7 | 91.9 | 92.4 | 92.6 | 92.7 | 93.0 | 93.1 |
| ≥ 1800 | 87.2 | 88.8 | 89.5 | 90.4 | 91.1 | 91.3 | 91.9 | 92.0 | 92.0 | 92.6 | 92.8 | 93.7 | 93.4 | 93.5 | 93.9 | 94.0 |
| ≥ 1500 | 87.7 | 89.5 | 90.1 | 91.1 | 91.6 | 92.0 | 92.7 | 92.1 | 92.9 | 93.5 | 93.8 | 94.2 | 94.4 | 94.5 | 94.5 | 94.9 |
| ≥ 1200 | 88.1 | 89.9 | 90.5 | 91.6 | 92.4 | 92.6 | 93.3 | 93.7 | 93.9 | 95.2 | 95.4 | 95.8 | 96.0 | 96.1 | 96.5 | 96.6 |
| ≥ 1000 | 88.3 | 90.1 | 90.9 | 92.0 | 92.8 | 93.0 | 93.8 | 94.2 | 94.4 | 95.7 | 96.3 | 96.5 | 97.0 | 97.1 | 97.4 | 97.5 |
| ≥ 900 | 88.5 | 90.3 | 91.1 | 92.3 | 93.0 | 93.2 | 94.0 | 94.4 | 94.6 | 96.0 | 96.8 | 97.3 | 97.4 | 97.5 | 97.7 | 98.0 |
| ≥ 800 | 88.6 | 90.4 | 91.3 | 92.5 | 93.2 | 93.4 | 94.2 | 94.6 | 94.8 | 96.1 | 96.2 | 97.6 | 97.8 | 98.0 | 98.2 | 98.4 |
| ≥ 700 | 88.6 | 90.5 | 91.4 | 92.6 | 93.3 | 93.5 | 94.3 | 94.7 | 94.9 | 96.4 | 96.5 | 97.7 | 98.0 | 98.1 | 98.4 | 98.5 |
| ≥ 600 | 88.6 | 90.5 | 91.4 | 92.6 | 93.3 | 93.5 | 94.3 | 94.7 | 94.9 | 96.4 | 96.5 | 97.7 | 98.0 | 98.1 | 98.4 | 98.5 |
| ≥ 500 | 88.6 | 90.5 | 91.4 | 92.6 | 93.3 | 93.5 | 94.3 | 94.7 | 94.9 | 96.4 | 96.5 | 97.7 | 98.0 | 98.1 | 98.4 | 98.5 |
| ≥ 400 | 88.6 | 90.5 | 91.4 | 92.6 | 93.3 | 93.5 | 94.3 | 94.7 | 94.9 | 96.4 | 96.5 | 97.7 | 98.0 | 98.1 | 98.4 | 98.5 |
| ≥ 300 | 88.6 | 90.5 | 91.4 | 92.6 | 93.3 | 93.5 | 94.3 | 94.7 | 94.9 | 96.4 | 96.5 | 97.7 | 98.0 | 98.1 | 98.4 | 98.5 |
| ≥ 200 | 88.6 | 90.5 | 91.4 | 92.6 | 93.3 | 93.5 | 94.3 | 94.7 | 94.9 | 96.4 | 96.5 | 97.7 | 98.0 | 98.1 | 98.4 | 98.5 |
| ≥ 100 | 88.6 | 90.5 | 91.4 | 92.6 | 93.3 | 93.5 | 94.3 | 94.7 | 94.9 | 96.4 | 96.5 | 97.7 | 98.0 | 98.1 | 98.4 | 98.5 |
| ≥ 0 | 88.6 | 90.5 | 91.4 | 92.6 | 93.3 | 93.5 | 94.3 | 94.7 | 94.9 | 96.4 | 96.5 | 97.7 | 98.0 | 98.1 | 98.4 | 98.5 |

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC FORM 0-14-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
FEDERAL AVIATION ADMINISTRATION

CEILING VERSUS VISIBILITY

STATION: **ST. LOUIS** (10-101)

YEAR: **57-66**

PERIOD:

MONTH:

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0700

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|------|-------|--------|--------|-------|--------|---------|--------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ 0.5 | ≥ 0.25 | ≥ 0.15 | ≥ 0.1 | ≥ 0.05 | ≥ 0.025 | ≥ 0.01 |
| NO CEILING | 51.5 | 51.8 | 51.8 | 51.8 | 51.9 | 51.9 | 52.1 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.3 |
| ≥ 20000 | 54.1 | 54.1 | 54.1 | 54.1 | 54.2 | 54.2 | 54.4 | 54.4 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.7 |
| ≥ 18000 | 54.1 | 54.1 | 54.1 | 54.1 | 54.2 | 54.2 | 54.4 | 54.4 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.7 |
| ≥ 16000 | 54.4 | 54.4 | 54.4 | 54.4 | 54.5 | 54.5 | 54.6 | 54.6 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 55.1 |
| ≥ 14000 | 55.8 | 55.8 | 55.8 | 55.8 | 55.9 | 55.9 | 56.1 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.3 | 56.3 |
| ≥ 12000 | 57.9 | 57.9 | 57.9 | 57.9 | 58.0 | 58.0 | 58.2 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.4 | 58.4 |
| ≥ 10000 | 63.1 | 63.1 | 63.1 | 63.1 | 63.2 | 63.2 | 63.4 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.7 | 63.7 |
| ≥ 9000 | 66.7 | 66.7 | 66.7 | 66.7 | 66.8 | 66.8 | 67.0 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.2 | 67.2 |
| ≥ 8000 | 69.8 | 69.8 | 69.8 | 69.8 | 69.9 | 69.9 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.3 | 70.3 |
| ≥ 7000 | 75.3 | 75.3 | 75.3 | 75.3 | 75.6 | 75.6 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 76.0 | 76.0 |
| ≥ 6000 | 76.8 | 76.8 | 76.8 | 76.8 | 77.0 | 77.0 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.4 | 77.4 |
| ≥ 5000 | 82.3 | 82.3 | 82.6 | 82.6 | 82.8 | 82.8 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.2 | 83.2 |
| ≥ 4500 | 84.5 | 84.5 | 84.7 | 84.7 | 84.9 | 84.9 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.3 | 85.3 |
| ≥ 4000 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.1 | 88.1 |
| ≥ 3500 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 3000 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 2500 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 2000 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 1800 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 1500 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 1200 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 1000 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 900 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 800 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 700 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 600 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 500 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 400 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 300 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 200 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 100 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |

TOTAL NUMBER OF OBSERVATIONS

500

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR FATHER SERVICE/AC

CEILING VERSUS VISIBILITY

STATION NAME: PRINCE GEORGE ILC DET APT

57-66

YEARS

MARK
WEATHER

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

300-0-000
COUNT

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/8 | ≥ 0 | ≥ 0 |
| NO CEILING | 46.7 | 46.7 | 46.7 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 49.0 | 49.0 | 49.0 | 49.0 | 49.2 | 49.2 |
| ≥ 20000 | 50.1 | 50.1 | 50.1 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.4 | 50.4 | 50.4 | 50.4 | 50.7 | 50.7 |
| ≥ 18000 | 50.2 | 50.2 | 50.2 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.6 | 50.6 | 50.6 | 50.6 | 50.8 | 50.8 |
| ≥ 16000 | 50.2 | 50.2 | 50.2 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.6 | 50.6 | 50.6 | 50.6 | 50.8 | 50.8 |
| ≥ 14000 | 51.7 | 51.7 | 51.7 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 52.0 | 52.0 | 52.0 | 52.0 | 52.2 | 52.2 |
| ≥ 12000 | 53.6 | 53.6 | 53.6 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.9 | 53.9 | 53.9 | 53.9 | 54.1 | 54.1 |
| ≥ 10000 | 58.6 | 58.6 | 58.6 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.9 | 58.9 | 58.9 | 58.9 | 59.1 | 59.1 |
| ≥ 9000 | 61.7 | 61.7 | 61.7 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.1 | 62.1 | 62.1 | 62.1 | 62.3 | 62.3 |
| ≥ 8000 | 65.7 | 65.8 | 65.8 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.1 | 66.1 | 66.1 | 66.1 | 66.3 | 66.3 |
| ≥ 7000 | 71.3 | 71.4 | 71.4 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 72.0 | 72.0 |
| ≥ 6000 | 73.6 | 73.6 | 73.6 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.9 | 73.9 | 73.9 | 73.9 | 74.1 | 74.1 |
| ≥ 5000 | 79.0 | 79.0 | 79.0 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.6 | 79.6 |
| ≥ 4500 | 82.2 | 82.2 | 82.2 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.6 | 82.6 | 82.6 | 82.6 | 82.8 | 82.8 |
| ≥ 4000 | 84.6 | 84.6 | 84.6 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.7 | 85.7 | 85.7 | 85.7 | 86.0 | 86.0 |
| ≥ 3500 | 87.6 | 87.6 | 87.6 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 88.2 | 88.2 |
| ≥ 3000 | 90.2 | 90.2 | 90.2 | 90.6 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.8 | 90.8 | 90.8 | 91.0 | 91.0 |
| ≥ 2500 | 91.3 | 91.3 | 91.3 | 91.7 | 91.7 | 91.7 | 92.1 | 92.1 | 92.1 | 92.1 | 92.4 | 92.4 | 92.4 | 92.4 | 92.8 | 92.8 |
| ≥ 2000 | 92.1 | 92.1 | 92.1 | 92.6 | 92.6 | 92.6 | 93.2 | 93.2 | 93.2 | 93.2 | 93.7 | 93.7 | 93.7 | 93.7 | 94.4 | 94.4 |
| ≥ 1800 | 92.2 | 92.2 | 92.2 | 93.0 | 93.0 | 93.0 | 94.2 | 94.2 | 94.2 | 94.2 | 94.6 | 94.6 | 94.6 | 94.6 | 95.0 | 95.0 |
| ≥ 1500 | 93.1 | 93.1 | 93.1 | 94.0 | 94.0 | 94.0 | 95.2 | 95.2 | 95.2 | 95.2 | 95.6 | 95.6 | 95.6 | 95.6 | 96.1 | 96.1 |
| ≥ 1200 | 93.7 | 93.7 | 93.7 | 94.3 | 94.3 | 94.3 | 95.6 | 95.6 | 95.6 | 95.6 | 96.7 | 96.7 | 96.7 | 96.7 | 97.4 | 97.4 |
| ≥ 1000 | 94.3 | 94.3 | 94.3 | 95.4 | 95.4 | 95.4 | 96.3 | 96.3 | 96.3 | 96.3 | 97.3 | 97.3 | 97.3 | 97.3 | 98.2 | 98.2 |
| ≥ 900 | 94.3 | 94.3 | 94.3 | 95.4 | 95.4 | 95.4 | 96.3 | 96.3 | 96.3 | 96.3 | 97.3 | 97.3 | 97.3 | 97.3 | 98.2 | 98.2 |
| ≥ 800 | 94.3 | 94.3 | 94.3 | 95.4 | 95.4 | 95.4 | 96.3 | 96.3 | 96.3 | 96.3 | 97.3 | 97.3 | 97.3 | 97.3 | 98.2 | 98.2 |
| ≥ 700 | 94.3 | 94.3 | 94.3 | 95.4 | 95.4 | 95.4 | 96.3 | 96.3 | 96.3 | 96.3 | 97.3 | 97.3 | 97.3 | 97.3 | 98.2 | 98.2 |
| ≥ 600 | 94.3 | 94.3 | 94.3 | 95.4 | 95.4 | 95.4 | 96.3 | 96.3 | 96.3 | 96.3 | 97.3 | 97.3 | 97.3 | 97.3 | 98.2 | 98.2 |
| ≥ 500 | 94.3 | 94.3 | 94.3 | 95.4 | 95.4 | 95.4 | 96.3 | 96.3 | 96.3 | 96.3 | 97.3 | 97.3 | 97.3 | 97.3 | 98.2 | 98.2 |
| ≥ 400 | 94.3 | 94.3 | 94.3 | 95.4 | 95.4 | 95.4 | 96.3 | 96.3 | 96.3 | 96.3 | 97.3 | 97.3 | 97.3 | 97.3 | 98.2 | 98.2 |
| ≥ 300 | 94.3 | 94.3 | 94.3 | 95.4 | 95.4 | 95.4 | 96.3 | 96.3 | 96.3 | 96.3 | 97.3 | 97.3 | 97.3 | 97.3 | 98.2 | 98.2 |
| ≥ 200 | 94.3 | 94.3 | 94.3 | 95.4 | 95.4 | 95.4 | 96.3 | 96.3 | 96.3 | 96.3 | 97.3 | 97.3 | 97.3 | 97.3 | 98.2 | 98.2 |
| ≥ 100 | 94.3 | 94.3 | 94.3 | 95.4 | 95.4 | 95.4 | 96.3 | 96.3 | 96.3 | 96.3 | 97.3 | 97.3 | 97.3 | 97.3 | 98.2 | 98.2 |
| ≥ 0 | 94.3 | 94.3 | 94.3 | 95.4 | 95.4 | 95.4 | 96.3 | 96.3 | 96.3 | 96.3 | 97.3 | 97.3 | 97.3 | 97.3 | 98.2 | 98.2 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
DIRECTORATE FOR SERVICE/STAC

CEILING VERSUS VISIBILITY

202-2
FORM 10-68

PROJECT: GROUND FIELD DATA

57-68

YEAR:

1968

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-1100

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|-------|------|-------|------|-------|------|-------|-------|------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .15 | ≥ .1 | ≥ .05 | ≥ 0 |
| NO CEILING | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 |
| ≥ 20000 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 18000 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 |
| ≥ 16000 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 |
| ≥ 14000 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| ≥ 12000 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| ≥ 10000 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| ≥ 9000 | 66.1 | 66.1 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| ≥ 8000 | 70.0 | 70.0 | 70.0 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| ≥ 7000 | 72.3 | 72.3 | 72.4 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| ≥ 6000 | 74.6 | 74.6 | 74.7 | 74.8 | 74.9 | 74.9 | 74.9 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| ≥ 5000 | 80.1 | 80.1 | 80.2 | 80.3 | 80.4 | 80.4 | 80.4 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| ≥ 4500 | 82.9 | 82.9 | 83.0 | 83.1 | 83.2 | 83.2 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 4000 | 85.8 | 85.8 | 85.8 | 85.9 | 86.0 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 3500 | 87.7 | 87.7 | 87.9 | 88.0 | 88.2 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 3000 | 89.9 | 89.9 | 89.7 | 90.1 | 90.2 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 2500 | 91.0 | 91.0 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 2000 | 91.1 | 91.1 | 91.7 | 92.1 | 92.2 | 92.2 | 92.2 | 92.3 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 1800 | 91.2 | 91.2 | 91.3 | 92.2 | 92.3 | 92.3 | 92.3 | 92.4 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 1500 | 92.4 | 92.4 | 93.1 | 93.5 | 93.6 | 93.6 | 93.6 | 93.9 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 1200 | 93.0 | 93.0 | 94.2 | 94.7 | 94.9 | 94.9 | 94.9 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 1000 | 93.0 | 94.1 | 94.5 | 95.3 | 95.6 | 95.6 | 95.6 | 95.6 | 96.0 | 96.2 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 900 | 93.3 | 94.9 | 95.6 | 96.1 | 96.3 | 96.3 | 96.6 | 97.0 | 97.0 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 800 | 93.3 | 94.9 | 95.6 | 96.2 | 96.4 | 96.4 | 96.9 | 97.1 | 97.1 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 700 | 93.4 | 95.1 | 95.8 | 96.4 | 96.7 | 96.8 | 97.0 | 97.4 | 97.4 | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 600 | 93.4 | 95.4 | 96.1 | 97.0 | 97.2 | 97.3 | 97.3 | 97.6 | 97.6 | 98.2 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 500 | 93.4 | 95.9 | 96.6 | 97.5 | 97.8 | 97.9 | 98.0 | 98.3 | 98.3 | 98.8 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | 93.4 | 95.0 | 96.7 | 97.7 | 97.9 | 98.0 | 98.0 | 98.7 | 98.9 | 98.9 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | 93.4 | 96.1 | 96.6 | 97.8 | 98.0 | 98.1 | 98.0 | 98.8 | 99.0 | 99.0 | 99.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 93.4 | 96.1 | 96.4 | 97.3 | 98.0 | 98.1 | 98.0 | 99.0 | 99.0 | 99.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 93.4 | 96.3 | 96.6 | 97.8 | 98.0 | 98.1 | 98.0 | 99.0 | 99.0 | 99.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 93.4 | 96.1 | 96.9 | 97.9 | 98.0 | 98.1 | 98.0 | 99.0 | 99.0 | 99.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0 14-51011-1

DATA PROCESSING DIVISION
USAF ETAC
AIR CRAFT SERVICE/AC

CEILING VERSUS VISIBILITY

052-6 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

57-06

HEAD

FOOT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1950-1959

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING | 1.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 |
| ≥ 2000 | 1.7 | 49.7 | 49.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 |
| ≥ 1800 | 1.7 | 41.3 | 41.3 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 |
| ≥ 1600 | 1.7 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 |
| ≥ 1400 | 1.7 | 41.3 | 41.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 |
| ≥ 1200 | 1.7 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 |
| ≥ 1000 | 1.7 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 |
| ≥ 900 | 1.7 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 |
| ≥ 800 | 1.7 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| ≥ 700 | 1.7 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 |
| ≥ 600 | 1.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| ≥ 500 | 1.7 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| ≥ 450 | 1.7 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 400 | 1.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 350 | 1.7 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 300 | 1.7 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 2500 | 1.7 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 2000 | 1.7 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 1800 | 1.7 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 1600 | 1.7 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 1400 | 1.7 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 1200 | 1.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1000 | 1.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 900 | 1.7 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 800 | 1.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 700 | 1.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 600 | 1.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 1.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 1.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 1.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 1.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 1.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 0 | 1.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

94

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ACG

CEILING VERSUS VISIBILITY

252-6 OFFICE GEORGE E. FOSTER
STATION

57-05

HEAD

09
OFFICE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
TIME

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING | 1.0 | 1.0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| ≥ 20000 | 3.3 | 3.3 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 |
| ≥ 18000 | 3.7 | 3.7 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 |
| ≥ 16000 | 3.9 | 3.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| ≥ 14000 | 5.2 | 5.2 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 |
| ≥ 12000 | 7.3 | 7.3 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 |
| ≥ 10000 | 62.2 | 62.2 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 |
| ≥ 9000 | 65.6 | 65.6 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 8000 | 69.6 | 69.6 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| ≥ 7000 | 74.7 | 74.7 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| ≥ 6000 | 77.3 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 5000 | 83.7 | 83.7 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 4500 | 86.7 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 4000 | 90.9 | 90.9 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 3500 | 93.6 | 93.6 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 3000 | 94.6 | 94.6 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 2500 | 96.1 | 96.1 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 2000 | 96.6 | 96.6 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1800 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 1500 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1200 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 1000 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 900 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 800 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 700 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 600 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 500 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 400 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 300 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 200 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 100 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 0 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |

TOTAL NUMBER OF OBSERVATIONS

700

USAF ETAC 0-14-5 (OL 1) 1964-1-15 (REV. 1-15-64) IF THIS FORM IS OBSOLETE

22

WAF, PROCESSING DIVISION
SAFETY
IN LATER RELEASES

CEILING VERSUS VISIBILITY

WAF, PROCESSING DIVISION
SAFETY
IN LATER RELEASES

57-66

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-0100

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|-------|-------|------|-------|--------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.0 | ≥0.5 | ≥0.25 | ≥0.15 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 |
| NO CEILING | 5.8 | 49.9 | 49.6 | 49.8 | 50.0 | 50.0 | 50.1 | 50.1 | 50.1 | 50.2 | 50.4 | 50.1 | 50.6 | 50.6 | 50.6 | 50.1 |
| ≥ 20000 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.4 |
| IV 18000 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.4 |
| IV 16000 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.4 |
| IV 14000 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.4 |
| IV 12000 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.4 |
| IV 10000 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.4 |
| IV 9000 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.4 |
| IV 8000 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.4 |
| IV 7000 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.4 |
| IV 6000 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.4 |
| IV 5000 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.4 |
| IV 4500 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.4 |
| IV 4000 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.4 |
| IV 3500 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.4 |
| IV 3000 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.4 |
| IV 2500 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.4 |
| IV 2000 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.4 |
| IV 1800 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.4 |
| IV 1500 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.4 |
| IV 1200 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.4 |
| IV 1000 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.4 |
| IV 900 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.4 |
| IV 800 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.4 |
| IV 700 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.4 |
| IV 600 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.4 |
| IV 500 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.4 |
| IV 400 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.4 |
| IV 300 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.4 |
| IV 200 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.4 |
| IV 100 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.4 |
| IV 0 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.4 |

TOTAL NUMBER OF OBSERVATIONS

534

USAF ETAC 0145 (OL) PREVIOUS EDITIONS ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR LATEL SERVICE/DAAG

CEILING VERSUS VISIBILITY

STATION NAME
STATION NUMBER

57-60

HEAD

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

02-10-02-01

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|-------|------|-------|------|-------|------|-------|-------|------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .15 | ≥ .1 | ≥ .05 | ≥ 0 |
| NO CEILING ≥ 20000 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 |
| IV 18000 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 |
| IV 16000 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| IV 14000 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| IV 12000 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| IV 10000 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| IV 9000 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| IV 8000 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| IV 7000 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| IV 6000 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| IV 5000 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| IV 4500 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| IV 4000 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| IV 3500 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| IV 3000 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| IV 2500 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| IV 2000 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| IV 1800 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| IV 1500 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| IV 1200 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| IV 1000 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| IV 900 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| IV 800 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| IV 700 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| IV 600 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| IV 500 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| IV 400 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| IV 300 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV 200 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| IV 100 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| IV 0 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |

TOTAL NUMBER OF OBSERVATIONS

73

2

DATA PROCESSING DIVISION
USAF ETAC
CIR EAT ER E DICEY AL

CEILING VERSUS VISIBILITY

15216 PRINCE GEORGE CANT RT

57-66

YEARS

Y

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1100

| CEILING FEET | VISIBILITY STATUTE MILES: | | | | | | | | | | | | | | | |
|-----------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| | ≥10 | ≥8 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥1/8 | ≥1/16 | ≥0 |
| NO CEILING | 44.6 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 20000 | 52.4 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 |
| ≥ 18000 | 52.6 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 |
| ≥ 16000 | 53.2 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 |
| ≥ 14000 | 55.3 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| ≥ 12000 | 57.8 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| IV 10000 | 60.3 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| IV 9000 | 62.9 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| IV 8000 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IV 7000 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| IV 6000 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| IV 5000 | 77.2 | 77.4 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| IV 4500 | 80.2 | 80.4 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| IV 4000 | 83.0 | 83.5 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| IV 3500 | 85.2 | 85.8 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| IV 3000 | 87.5 | 88.3 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| IV 2500 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| IV 2000 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| IV 1800 | 91.0 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| IV 1500 | 92.4 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| IV 1200 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| IV 1000 | 93.7 | 94.7 | 95.3 | 95.7 | 95.7 | 95.7 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 |
| IV 900 | 94.1 | 95.7 | 96.3 | 96.3 | 96.9 | 96.9 | 97.1 | 97.1 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 |
| IV 800 | 94.3 | 96.1 | 96.8 | 97.2 | 97.3 | 97.3 | 97.5 | 97.5 | 97.6 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| IV 700 | 94.3 | 95.6 | 97.3 | 97.7 | 97.8 | 97.8 | 98.1 | 98.1 | 98.2 | 98.3 | 98.4 | 98.4 | 98.5 | 98.6 | 98.6 | 98.6 |
| IV 600 | 94.8 | 97.1 | 98.0 | 98.3 | 98.6 | 98.6 | 98.8 | 98.9 | 99.0 | 99.1 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 |
| IV 500 | 94.8 | 97.1 | 98.1 | 98.6 | 98.7 | 98.7 | 98.9 | 99.0 | 99.1 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 |
| IV 400 | 94.8 | 97.5 | 98.3 | 98.8 | 98.9 | 98.9 | 99.1 | 99.2 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 |
| IV 300 | 94.9 | 97.6 | 98.4 | 98.9 | 99.0 | 99.0 | 99.2 | 99.4 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| IV 200 | 94.9 | 97.6 | 98.4 | 98.9 | 99.0 | 99.0 | 99.2 | 99.4 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| IV 100 | 94.9 | 97.6 | 98.4 | 98.9 | 99.0 | 99.0 | 99.2 | 99.4 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| IV 0 | 94.9 | 97.6 | 98.4 | 98.9 | 99.0 | 99.0 | 99.2 | 99.4 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

936

USAF ETAC FORM 10-14-51 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 USAF ETAC
 AIRCRAFT SERVICE/TAO

CEILING VERSUS VISIBILITY

STATION: PRINCE GEORGE C UNIT APT
 STATION NAME

57-06

YEAR

DAY
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|-------|-------|-------|-------|-------|-------|--------|--------|-------|--------|---------|--------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.0 | ≥ 0.5 | ≥ 0.25 | ≥ 0.15 | ≥ 0.1 | ≥ 0.05 | ≥ 0.025 | ≥ 0.01 |
| NO CEILING | 32.4 | 32.5 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 |
| ≥ 20000 | 38.4 | 38.5 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 |
| IV 18000 | 38.6 | 38.8 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 |
| IV 16000 | 39.8 | 40.0 | 40.1 | 40.1 | 40.1 | 40.1 | 40.1 | 40.1 | 40.1 | 40.1 | 40.1 | 40.1 | 40.1 | 40.1 | 40.1 | 40.1 |
| IV 14000 | 40.5 | 40.8 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 |
| IV 12000 | 42.3 | 42.5 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 |
| IV 10000 | 44.7 | 44.9 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 |
| IV 9000 | 46.9 | 47.1 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 |
| IV 8000 | 48.8 | 49.0 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 |
| IV 7000 | 52.6 | 52.8 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 |
| IV 6000 | 61.9 | 62.2 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 |
| IV 5000 | 75.0 | 75.3 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| IV 4500 | 81.2 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| IV 4000 | 85.5 | 85.8 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| IV 3500 | 89.4 | 89.7 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| IV 3000 | 90.9 | 91.3 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| IV 2500 | 92.4 | 92.9 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| IV 2000 | 93.7 | 94.2 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| IV 1800 | 94.5 | 95.2 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| IV 1500 | 96.0 | 96.8 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| IV 1200 | 96.6 | 97.3 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| IV 1000 | 96.9 | 97.6 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| IV 900 | 97.0 | 98.1 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| IV 800 | 97.2 | 98.3 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| IV 700 | 97.4 | 98.6 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IV 600 | 97.6 | 98.8 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 500 | 97.7 | 98.9 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 97.7 | 98.9 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 97.7 | 98.9 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 97.7 | 98.9 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 97.7 | 98.9 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 97.7 | 98.9 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

7.0

2

AT: PROCESSING DIVISION
USAF ETAC
AFB EAST PR SERVICE/100

CEILING VERSUS VISIBILITY

25200
STATION

PRINCE GEORGE C-130A
STATION NAME

57-06
YEAR

MONTH

1500-1700
HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING ≥ 20000 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 |
| IV 18000 | 37.4 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 |
| IV 16000 | 37.8 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 |
| IV 14000 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 |
| IV 12000 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 |
| IV 10000 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 |
| IV 9000 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 |
| IV 8000 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 |
| IV 7000 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| IV 6000 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| IV 5000 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| IV 4500 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| IV 4000 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| IV 3500 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| IV 3000 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| IV 2500 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| IV 2000 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV 1800 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| IV 1500 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| IV 1200 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| IV 1000 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV 900 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IV 800 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IV 700 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 600 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 500 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 400 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

940

USAF ETAC FORM 94 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR EATING SERVICE/AC

CEILING VERSUS VISIBILITY

25201 PRINCE GEORGE AIRPORT
STATION NAME

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1950-2000
PERIOD

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|-------|------|-------|------|-------|--------|--------|-------|--------|---------|--------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ 0.5 | ≥ 0.25 | ≥ 0.15 | ≥ 0.1 | ≥ 0.05 | ≥ 0.025 | ≥ 0.01 |
| NO CEILING | 47.7 | 42.8 | 42.6 | 42.4 | 42.4 | 42.6 | 42.0 | 42.0 | 42.6 | 42.0 | 42.8 | 42.7 | 42.8 | 42.0 | 42.0 | 42.0 |
| ≥ 20000 | 49.5 | 49.6 | 49.0 | 49.6 | 49.6 | 49.6 | 49.6 | 49.0 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 |
| ≥ 18000 | 49.6 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 |
| ≥ 16000 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 |
| ≥ 14000 | 53.4 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 |
| ≥ 12000 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| ≥ 10000 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 9000 | 66.7 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 |
| ≥ 8000 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 |
| ≥ 7000 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| ≥ 6000 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 5000 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 4500 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 4000 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 3500 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 3000 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 2500 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 2000 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1800 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1500 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 1200 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1000 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 900 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 800 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 600 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 200 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 100 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |

TOTAL NUMBER OF OBSERVATIONS

011

USAF ETAC 0-14.5 (OL) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ATLANTA REGIONAL DIVISION
USAF LTC
AIR FORCE ENGINEER

CEILING VERSUS VISIBILITY

DATE: 07-06-66
TIME: 17:00

07-06

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07-06-66

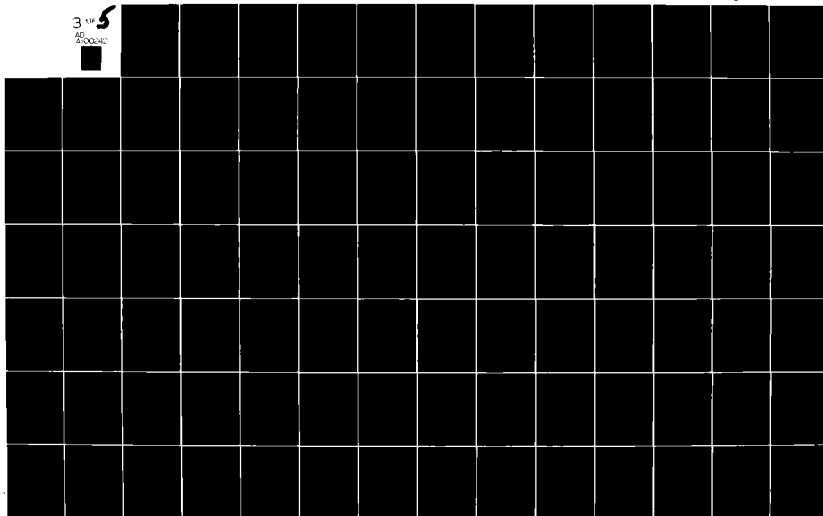
| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|-------|-------|------|-------|-------|------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.0 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .15 | ≥ .1 | ≥ .05 | ≥ .01 |
| NO CEILING | 7.2 | 47.2 | 47.4 | 47.0 | 47.0 | 47.0 | 47.0 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 20000 | 4.6 | 49.0 | 49.4 | 49.2 | 49.9 | 47.9 | 49.9 | 50.7 | 50.0 | 50.0 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 |
| ≥ 18000 | 9.9 | 49.9 | 50.1 | 50.2 | 50.2 | 50.2 | 50.2 | 50.3 | 50.3 | 50.3 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 |
| ≥ 16000 | 10.4 | 50.4 | 50.7 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.2 | 50.9 | 50.9 | 51.1 | 51.1 | 51.1 | 51.1 |
| ≥ 14000 | 12.0 | 50.5 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 53.0 | 53.0 | 53.2 | 53.2 | 53.2 | 53.2 |
| ≥ 12000 | 14.7 | 54.7 | 54.7 | 55.0 | 55.0 | 54.0 | 55.0 | 55.1 | 55.1 | 55.1 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| ≥ 10000 | 11.0 | 61.1 | 61.3 | 61.4 | 61.4 | 61.4 | 61.4 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 |
| ≥ 9000 | 15.0 | 65.4 | 65.7 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.9 | 65.9 | 66.1 | 66.1 | 66.1 | 66.1 |
| ≥ 8000 | 16.2 | 65.3 | 66.6 | 66.7 | 66.7 | 66.7 | 66.7 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 |
| ≥ 7000 | 17.0 | 72.1 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| ≥ 6000 | 16.4 | 75.5 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 77.0 | 77.0 | 77.0 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥ 5000 | 22.2 | 82.4 | 82.5 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 83.0 | 83.0 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 4500 | 5.2 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 4000 | 7.4 | 87.9 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 3500 | 6.7 | 89.1 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 3000 | 1.9 | 91.7 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 2500 | 11.0 | 91.9 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 2000 | 12.3 | 93.2 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 1800 | 12.6 | 93.4 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 1500 | 13.0 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 1200 | 13.0 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 1000 | 13.0 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 900 | 13.0 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 800 | 13.3 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 700 | 13.3 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 600 | 13.3 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 500 | 13.3 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 400 | 13.3 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 300 | 13.3 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 200 | 13.3 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 100 | 13.3 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 0 | 13.3 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0 14:51 OL 1

AD-A100 242 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
PRINCE GEORGE APT, BRITISH COLUMBIA, CANADA, REVISED UNIFORM SU--ETC (11)
NOV 71
UNCLASSIFIED USAFETAC/DS-81/037 SBIE-AD-E850 064 NL

3 1/2
AD 800042



2

ATLANTA, GEORGIA
 USAF ETAC
 15-10-66

CEILING VERSUS VISIBILITY

15-10-66

57-66

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0000

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 45.1 | 45.2 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 |
| ≥ 20000 | 1.9 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 |
| IV 18000 | 51.9 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 |
| IV 16000 | 53.0 | 53.1 | 53.2 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 |
| IV 14000 | 55.1 | 55.3 | 55.4 | 55.5 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| IV 12000 | 58.7 | 58.9 | 59.0 | 59.1 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 |
| IV 10000 | 63.7 | 63.9 | 64.0 | 64.1 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| IV 9000 | 70.6 | 70.8 | 70.9 | 71.0 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| IV 8000 | 73.2 | 73.4 | 73.6 | 73.7 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| IV 7000 | 76.4 | 76.7 | 76.8 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| IV 6000 | 79.4 | 79.7 | 79.8 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| IV 5000 | 84.1 | 84.3 | 84.4 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| IV 4500 | 87.0 | 87.1 | 87.4 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| IV 4000 | 88.4 | 88.5 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| IV 3500 | 89.1 | 89.2 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| IV 3000 | 90.6 | 90.7 | 90.8 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| IV 2500 | 91.4 | 91.5 | 91.6 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| IV 2000 | 92.2 | 92.3 | 92.4 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| IV 1800 | 92.9 | 93.0 | 93.1 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| IV 1500 | 93.7 | 93.8 | 93.9 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| IV 1200 | 94.2 | 94.3 | 94.4 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| IV 1000 | 94.7 | 94.8 | 94.9 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| IV 900 | 95.1 | 95.2 | 95.3 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| IV 800 | 95.6 | 95.7 | 95.8 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| IV 700 | 96.1 | 96.2 | 96.3 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| IV 600 | 96.6 | 96.7 | 96.8 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| IV 500 | 97.1 | 97.2 | 97.3 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| IV 400 | 97.6 | 97.7 | 97.8 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| IV 300 | 98.1 | 98.2 | 98.3 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| IV 200 | 98.6 | 98.7 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| IV 100 | 99.1 | 99.2 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 0 | 99.6 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 15-10-66 0-14:5 (OL 1) PREPARED BY: [REDACTED] DATA ARE OBSERVED

DATA PROCESSING DIVISION
USAF ETAC
AIR FORCE SERVICE/AC

CEILING VERSUS VISIBILITY

STATION NAME: GEORGE C. MURPHY APT

57-66

YEARS

USAF

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

990-1100

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| ≥ 20000 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 |
| ≥ 18000 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 |
| ≥ 16000 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 |
| IV 14000 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 |
| IV 12000 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 |
| IV 10000 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| IV 9000 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| IV 8000 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| IV 7000 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| IV 6000 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| IV 5000 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| IV 4500 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| IV 4000 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| IV 3500 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| IV 3000 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| IV 2500 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| IV 2000 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| IV 1800 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| IV 1500 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| IV 1200 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| IV 1000 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| IV 900 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| IV 800 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV 700 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| IV 600 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV 500 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| IV 400 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 300 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14-5 (OL 1) PREPARED BY THE FORM ARE OBSOLETE

21

DATA PROCESSING DIVISION
USAF ETAC
AIR EARTH ELECTRONIC

CEILING VERSUS VISIBILITY

202-4 STATION: PRINCE GEORGE, CANADA

57-58

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING FEET | VISIBILITY, STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|---------------------------|------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .1 | ≥ .05 | ≥ .01 | ≥ 0 |
| NO CEILING ≥ 20000 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 |
| IV 18000 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 |
| IV 16000 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 |
| IV 14000 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 |
| IV 12000 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 |
| IV 10000 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| IV 9000 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 |
| IV 8000 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 |
| IV 7000 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| IV 6000 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| IV 5000 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| IV 4500 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| IV 4000 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| IV 3500 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| IV 3000 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| IV 2500 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| IV 2000 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| IV 1800 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| IV 1500 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| IV 1200 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV 1000 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 900 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| IV 800 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 700 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 600 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 500 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 400 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 300 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 200 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 100 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/AC

CEILING VERSUS VISIBILITY

49200
STATION

LAKE GEORGE, N.Y. (LGT) NY

57-00

YEARS

100
STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1961-1966

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .1 | ≥ .05 | ≥ .01 | ≥ 0 |
| NO CEILING | 33.1 | 41.1 | 33.1 | 33.1 | 33.1 | 33.1 | 33.1 | 33.1 | 33.1 | 33.1 | 33.1 | 33.1 | 33.1 | 33.1 | 33.1 | 33.1 |
| ≥ 20000 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 |
| ≥ 18000 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 |
| ≥ 16000 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 |
| ≥ 14000 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 |
| ≥ 12000 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 |
| ≥ 10000 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| ≥ 9000 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 |
| ≥ 8000 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 |
| ≥ 7000 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| ≥ 6000 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 5000 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 4500 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 4000 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 3500 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 3000 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 2500 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 2000 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1800 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1500 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1200 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1000 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 900 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 800 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 700 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 500 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 100 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 0 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |

TOTAL NUMBER OF OBSERVATIONS

610

USAF ETAC

FORM
1-64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSOR 1015130
USAF ETAC
AIR FORCE RESEARCH AND DEVELOPMENT

CEILING VERSUS VISIBILITY

202.5 1015130 1015130 1015130

57-66

YEAR

1015130

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1015130-2000

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥.75 | ≥.5 | ≥.25 | ≥.16 | ≥.1 | ≥0 | |
| NO CEILING | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | |
| ≥ 20000 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | |
| IV 18000 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | |
| IV 16000 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | |
| IV 14000 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | |
| IV 12000 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | |
| IV 10000 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | |
| IV 9000 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | |
| IV 8000 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | |
| IV 7000 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | |
| IV 6000 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | |
| IV 5000 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | |
| IV 4500 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | |
| IV 4000 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | |
| IV 3500 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | |
| IV 3000 | 97.4 | 97.4 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | |
| IV 2500 | 97.6 | 98.3 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | |
| IV 2000 | 98.0 | 98.5 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | |
| IV 1800 | 98.0 | 98.5 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | |
| IV 1500 | 98.1 | 98.6 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | |
| IV 1200 | 98.1 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | |
| IV 1000 | 98.1 | 99.1 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | |
| IV 900 | 98.1 | 99.2 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | |
| IV 800 | 98.1 | 99.3 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | |
| IV 700 | 98.1 | 99.3 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | |
| IV 600 | 98.1 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| IV 500 | 98.1 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| IV 400 | 98.1 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| IV 300 | 98.1 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| IV 200 | 98.1 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| IV 100 | 98.1 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| IV 0 | 98.1 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC

FORM 1015130

0-14-5 (OL 1) PREVIOUS EDITIONS ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR BEAT FOR SERVICE/AL

CEILING VERSUS VISIBILITY

42210
STATION

OFFICE OF GEORGE D. C. DUTY APT
STATION NAME

57-66

YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/8 | ≥ 1/16 | ≥ 0 |
| NO CEILING | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| ≥ 20000 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| IV 18000 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| IV 16000 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| IV 14000 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| IV 12000 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| IV 10000 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| IV 9000 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| IV 8000 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| IV 7000 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| ≥ 4000 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| ≥ 3000 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| IV 4500 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| IV 4000 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| IV 3500 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| IV 3000 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| IV 2500 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| IV 2000 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| IV 1800 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| IV 1500 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| ≥ 1200 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| ≥ 1000 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| IV 900 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| IV 800 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| IV 700 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| IV 600 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| IV 500 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| IV 400 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| IV 300 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| IV 200 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| IV 100 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |
| IV 0 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 |

TOTAL NUMBER OF OBSERVATIONS

500

USAF ETAC FORM 0 14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/AC

CEILING VERSUS VISIBILITY

55200 TRIPLE GEORGE AFB APT
STATION

57-66

YEARS

1965

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0000

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|-------|------|-------|-------|-------|--------|--------|--------|--------|---------|--------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.0 | ≥ 0.5 | ≥ 0.25 | ≥ 0.15 | ≥ 0.10 | ≥ 0.05 | ≥ 0.025 | ≥ 0.01 |
| NO CEILING | 7.1 | 58.0 | 56.0 | 58.3 | 58.4 | 58.4 | 58.5 | 58.5 | 58.5 | 58.7 | 58.8 | 58.8 | 58.8 | 58.9 | 59.0 | 59.1 |
| ≥ 20000 | 58.4 | 59.2 | 59.2 | 59.2 | 59.7 | 59.7 | 59.7 | 59.7 | 59.8 | 60.0 | 60.1 | 60.1 | 60.2 | 60.3 | 60.3 | 60.4 |
| IV 18000 | 58.5 | 59.4 | 59.4 | 59.7 | 59.8 | 59.8 | 59.9 | 59.9 | 59.9 | 60.1 | 60.2 | 60.2 | 60.3 | 60.4 | 60.4 | 60.5 |
| IV 16000 | 58.8 | 59.7 | 59.7 | 60.0 | 60.1 | 60.1 | 60.2 | 60.2 | 60.2 | 60.4 | 60.5 | 60.5 | 60.6 | 60.6 | 60.7 | 60.9 |
| IV 14000 | 60.3 | 61.2 | 61.2 | 61.5 | 61.6 | 61.6 | 61.7 | 61.7 | 61.7 | 61.9 | 62.0 | 62.0 | 62.1 | 62.2 | 62.3 | 62.4 |
| IV 12000 | 63.3 | 64.2 | 64.2 | 64.5 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.9 | 65.1 | 65.1 | 65.2 | 65.3 | 65.3 | 65.4 |
| IV 10000 | 69.2 | 70.1 | 70.1 | 70.4 | 70.5 | 70.5 | 70.7 | 70.7 | 70.8 | 71.0 | 71.1 | 71.1 | 71.2 | 71.3 | 71.3 | 71.4 |
| IV 9000 | 71.6 | 72.5 | 72.5 | 72.7 | 73.0 | 73.0 | 73.2 | 73.2 | 73.2 | 73.4 | 73.5 | 73.5 | 73.7 | 73.9 | 73.9 | 74.0 |
| IV 8000 | 74.0 | 74.5 | 74.8 | 75.3 | 75.4 | 75.4 | 75.6 | 75.6 | 75.6 | 75.8 | 75.9 | 75.9 | 76.0 | 76.2 | 76.2 | 76.3 |
| IV 7000 | 79.8 | 80.5 | 80.8 | 81.2 | 81.3 | 81.3 | 81.5 | 81.5 | 81.6 | 81.8 | 81.9 | 81.9 | 82.0 | 82.3 | 82.3 | 82.4 |
| IV 6000 | 82.5 | 83.3 | 83.4 | 83.9 | 84.0 | 84.0 | 84.3 | 84.3 | 84.3 | 84.5 | 84.6 | 84.6 | 84.7 | 84.9 | 84.9 | 85.1 |
| IV 5000 | 87.4 | 88.3 | 88.5 | 89.0 | 89.2 | 89.2 | 89.7 | 89.7 | 89.7 | 89.9 | 90.0 | 90.0 | 90.1 | 90.3 | 90.3 | 90.4 |
| IV 4500 | 90.7 | 91.0 | 91.0 | 91.5 | 91.7 | 91.7 | 92.2 | 92.2 | 92.2 | 92.4 | 92.6 | 92.6 | 92.7 | 92.9 | 92.9 | 93.0 |
| IV 4000 | 91.2 | 92.6 | 92.8 | 93.3 | 93.5 | 93.5 | 94.0 | 94.0 | 94.0 | 94.2 | 94.4 | 94.4 | 94.5 | 94.7 | 94.7 | 94.8 |
| IV 3500 | 92.5 | 93.9 | 94.1 | 94.6 | 94.8 | 94.8 | 95.3 | 95.3 | 95.3 | 95.5 | 95.7 | 95.7 | 95.8 | 96.0 | 96.0 | 96.1 |
| IV 3000 | 93.0 | 94.4 | 94.6 | 95.2 | 95.4 | 95.4 | 95.8 | 95.8 | 95.8 | 96.0 | 96.2 | 96.2 | 96.3 | 96.6 | 96.6 | 96.7 |
| IV 2500 | 93.2 | 94.6 | 94.9 | 95.5 | 95.7 | 95.7 | 96.1 | 96.1 | 96.1 | 96.3 | 96.6 | 96.6 | 96.7 | 96.9 | 96.9 | 97.0 |
| IV 2000 | 93.4 | 95.1 | 95.4 | 95.9 | 96.1 | 96.1 | 96.7 | 96.7 | 96.7 | 96.9 | 97.1 | 97.1 | 97.2 | 97.4 | 97.4 | 97.5 |
| IV 1800 | 93.4 | 95.1 | 95.4 | 95.9 | 96.1 | 96.1 | 96.7 | 96.7 | 96.7 | 96.9 | 97.1 | 97.1 | 97.2 | 97.4 | 97.4 | 97.5 |
| IV 1500 | 93.4 | 95.1 | 95.4 | 95.9 | 96.1 | 96.1 | 96.7 | 96.7 | 96.7 | 96.9 | 97.1 | 97.1 | 97.2 | 97.4 | 97.4 | 97.5 |
| IV 1200 | 94.1 | 95.5 | 96.1 | 96.7 | 96.9 | 96.9 | 97.4 | 97.4 | 97.4 | 97.6 | 97.8 | 97.8 | 98.0 | 98.2 | 98.2 | 98.3 |
| IV 1000 | 94.1 | 95.1 | 96.5 | 97.0 | 97.2 | 97.2 | 97.7 | 97.7 | 97.7 | 97.9 | 98.0 | 98.2 | 98.2 | 98.3 | 98.5 | 98.5 |
| IV 900 | 94.1 | 96.1 | 96.5 | 97.0 | 97.2 | 97.2 | 97.7 | 97.7 | 97.7 | 97.9 | 98.0 | 98.2 | 98.2 | 98.3 | 98.5 | 98.5 |
| IV 800 | 94.1 | 96.1 | 96.5 | 97.0 | 97.2 | 97.2 | 97.7 | 97.7 | 97.7 | 97.9 | 98.0 | 98.2 | 98.2 | 98.3 | 98.5 | 98.5 |
| IV 700 | 94.1 | 96.1 | 96.5 | 97.0 | 97.2 | 97.2 | 97.7 | 97.7 | 97.7 | 97.9 | 98.0 | 98.2 | 98.2 | 98.3 | 98.5 | 98.5 |
| IV 600 | 94.2 | 96.2 | 96.6 | 97.1 | 97.3 | 97.3 | 97.8 | 97.8 | 97.8 | 98.0 | 98.2 | 98.4 | 98.4 | 98.5 | 98.7 | 98.8 |
| IV 500 | 94.2 | 96.2 | 96.6 | 97.1 | 97.3 | 97.3 | 97.8 | 97.8 | 97.8 | 98.0 | 98.2 | 98.4 | 98.4 | 98.5 | 98.7 | 98.8 |
| IV 400 | 94.2 | 96.2 | 96.6 | 97.1 | 97.3 | 97.3 | 97.8 | 97.8 | 97.8 | 98.0 | 98.2 | 98.4 | 98.4 | 98.5 | 98.7 | 98.8 |
| IV 300 | 94.2 | 96.2 | 96.6 | 97.1 | 97.3 | 97.3 | 97.8 | 97.8 | 97.8 | 98.0 | 98.2 | 98.4 | 98.4 | 98.5 | 98.7 | 98.8 |
| IV 200 | 94.2 | 96.3 | 96.7 | 97.3 | 97.5 | 97.5 | 98.1 | 98.1 | 98.1 | 98.4 | 98.7 | 98.7 | 98.9 | 99.1 | 99.1 | 99.2 |
| IV 100 | 94.2 | 96.3 | 96.8 | 97.4 | 97.6 | 97.6 | 98.1 | 98.1 | 98.1 | 98.6 | 98.9 | 98.9 | 99.4 | 99.6 | 99.6 | 99.7 |
| IV 0 | 94.2 | 96.3 | 96.8 | 97.4 | 97.6 | 97.6 | 98.1 | 98.1 | 98.1 | 98.6 | 98.9 | 98.9 | 99.4 | 99.7 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 NAV ETAC
 AIR ENTER SERVICE NO.

CEILING VERSUS VISIBILITY

45212 PRINCE GEORGE C. G. OFT APT
 STATION NAME

57-66

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0500-0500

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.75 | ≥.5 | ≥.25 | ≥.16 | ≥.1 | ≥.05 |
| NO CEILING | 40.8 | 44.4 | 49.4 | 49.6 | 49.7 | 49.7 | 49.9 | 49.9 | 49.9 | 50.2 | 50.3 | 50.4 | 50.9 | 51.1 | 51.4 | 51.9 |
| ≥ 20000 | 50.8 | 51.0 | 51.0 | 51.3 | 51.4 | 51.4 | 51.6 | 51.6 | 51.6 | 51.9 | 52.0 | 52.2 | 52.6 | 52.8 | 54.0 | 54.4 |
| ≥ 18000 | 50.5 | 51.1 | 51.1 | 51.4 | 51.5 | 51.5 | 51.7 | 51.7 | 51.7 | 52.0 | 52.2 | 52.2 | 52.6 | 52.8 | 53.1 | 53.4 |
| IV 16000 | 50.9 | 51.4 | 51.4 | 51.7 | 51.8 | 51.8 | 52.0 | 52.0 | 52.0 | 52.4 | 52.5 | 52.5 | 53.0 | 53.2 | 53.4 | 53.8 |
| IV 14000 | 52.3 | 52.8 | 52.8 | 53.1 | 53.2 | 53.2 | 53.4 | 53.4 | 53.4 | 53.8 | 54.3 | 54.7 | 54.6 | 54.8 | 55.1 | 55.7 |
| IV 12000 | 53.7 | 56.2 | 56.2 | 56.6 | 56.7 | 56.7 | 56.9 | 56.9 | 56.9 | 57.2 | 57.6 | 57.4 | 58.1 | 58.3 | 58.7 | 59.1 |
| IV 10000 | 61.0 | 62.2 | 62.2 | 62.6 | 62.7 | 62.7 | 62.9 | 62.9 | 62.9 | 63.2 | 63.4 | 63.4 | 64.2 | 64.4 | 64.8 | 65.4 |
| IV 9000 | 65.1 | 65.6 | 65.7 | 66.1 | 66.2 | 66.2 | 66.5 | 66.5 | 66.5 | 66.6 | 67.0 | 67.2 | 67.1 | 68.0 | 68.2 | 68.7 |
| IV 8000 | 64.9 | 69.3 | 69.6 | 70.0 | 70.1 | 70.1 | 70.3 | 70.4 | 70.4 | 70.4 | 70.9 | 71.1 | 71.2 | 71.6 | 72.0 | 73.0 |
| IV 7000 | 73.0 | 73.5 | 73.8 | 74.2 | 74.3 | 74.3 | 74.5 | 74.6 | 74.6 | 75.1 | 75.3 | 75.4 | 76.0 | 76.2 | 76.5 | 77.5 |
| IV 6000 | 75.0 | 76.1 | 76.3 | 76.9 | 77.0 | 77.0 | 77.2 | 77.3 | 77.3 | 77.7 | 78.0 | 78.1 | 78.7 | 78.9 | 79.3 | 79.9 |
| IV 5000 | 81.3 | 81.9 | 82.2 | 82.9 | 83.0 | 83.0 | 83.2 | 83.3 | 83.3 | 83.8 | 84.1 | 84.7 | 84.8 | 85.2 | 85.7 | 86.2 |
| IV 4500 | 84.2 | 85.1 | 85.3 | 86.1 | 86.2 | 86.2 | 86.6 | 86.7 | 86.7 | 87.2 | 87.6 | 87.7 | 88.4 | 88.7 | 89.2 | 89.3 |
| IV 4000 | 86.8 | 87.3 | 88.2 | 89.2 | 89.4 | 89.4 | 89.7 | 89.8 | 89.8 | 90.3 | 90.8 | 90.9 | 91.5 | 91.8 | 92.4 | 92.8 |
| IV 3500 | 87.8 | 89.0 | 89.5 | 90.5 | 90.6 | 90.6 | 91.0 | 91.1 | 91.1 | 91.6 | 92.0 | 92.2 | 92.8 | 93.1 | 93.7 | 94.2 |
| IV 3000 | 88.8 | 90.0 | 90.3 | 91.6 | 91.7 | 91.7 | 92.0 | 92.2 | 92.2 | 92.7 | 93.1 | 93.2 | 93.9 | 94.2 | 94.7 | 95.3 |
| IV 2500 | 90.0 | 90.2 | 90.6 | 91.8 | 91.9 | 91.9 | 92.3 | 92.4 | 92.4 | 92.9 | 93.3 | 93.4 | 94.2 | 94.5 | 95.1 | 95.4 |
| IV 2000 | 90.4 | 91.1 | 91.0 | 92.7 | 92.9 | 92.9 | 93.4 | 93.3 | 93.3 | 93.9 | 94.3 | 94.4 | 95.3 | 95.6 | 96.0 | 96.7 |
| IV 1800 | 90.9 | 91.2 | 91.7 | 92.5 | 93.0 | 93.0 | 93.3 | 93.4 | 93.4 | 94.0 | 94.4 | 94.5 | 95.4 | 95.7 | 96.0 | 96.5 |
| IV 1500 | 90.1 | 91.6 | 91.9 | 93.0 | 93.2 | 93.2 | 93.5 | 93.7 | 93.7 | 94.2 | 94.6 | 94.7 | 95.6 | 95.9 | 96.3 | 97.1 |
| IV 1200 | 90.5 | 91.3 | 92.3 | 93.5 | 93.7 | 93.8 | 94.1 | 94.2 | 94.2 | 94.7 | 95.2 | 95.3 | 96.2 | 96.6 | 97.1 | 97.7 |
| IV 1000 | 90.9 | 92.2 | 92.5 | 93.9 | 94.1 | 94.1 | 94.4 | 94.5 | 94.5 | 95.1 | 95.5 | 95.6 | 96.6 | 96.9 | 97.5 | 98.1 |
| IV 900 | 91.0 | 92.4 | 93.0 | 94.1 | 94.3 | 94.3 | 94.5 | 94.7 | 94.7 | 95.3 | 95.7 | 95.8 | 96.8 | 97.1 | 97.7 | 98.3 |
| IV 800 | 91.0 | 92.4 | 93.0 | 94.1 | 94.3 | 94.3 | 94.5 | 94.7 | 94.7 | 95.3 | 95.7 | 95.8 | 96.8 | 97.1 | 97.7 | 98.3 |
| IV 700 | 91.1 | 92.5 | 93.1 | 94.3 | 94.5 | 94.5 | 94.8 | 94.9 | 94.9 | 95.5 | 95.9 | 96.0 | 97.0 | 97.3 | 97.8 | 98.4 |
| IV 600 | 91.1 | 92.5 | 93.1 | 94.3 | 94.5 | 94.5 | 94.8 | 94.9 | 94.9 | 95.5 | 95.9 | 96.0 | 97.0 | 97.3 | 97.8 | 98.4 |
| IV 500 | 91.1 | 92.5 | 93.1 | 94.3 | 94.5 | 94.5 | 95.1 | 95.2 | 95.2 | 95.7 | 96.1 | 96.2 | 97.2 | 97.5 | 98.1 | 98.7 |
| IV 400 | 91.1 | 92.5 | 93.1 | 94.3 | 94.5 | 94.5 | 95.2 | 95.3 | 95.3 | 95.8 | 96.2 | 96.3 | 97.3 | 97.6 | 98.0 | 98.7 |
| IV 300 | 91.1 | 92.5 | 93.1 | 94.3 | 94.5 | 94.5 | 95.2 | 95.3 | 95.3 | 95.8 | 96.2 | 96.3 | 97.3 | 97.6 | 98.0 | 98.7 |
| IV 200 | 91.1 | 92.5 | 93.1 | 94.3 | 94.5 | 94.5 | 95.2 | 95.3 | 95.3 | 95.8 | 96.2 | 96.3 | 97.3 | 97.6 | 98.0 | 98.7 |
| IV 100 | 91.1 | 92.5 | 93.1 | 94.3 | 94.5 | 94.5 | 95.2 | 95.3 | 95.3 | 95.8 | 96.2 | 96.3 | 97.3 | 97.6 | 98.0 | 98.7 |
| IV 0 | 91.1 | 92.5 | 93.1 | 94.3 | 94.5 | 94.5 | 95.2 | 95.3 | 95.3 | 95.8 | 96.2 | 96.3 | 97.3 | 97.6 | 98.0 | 98.7 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS ARE OBSOLETE

DATA FROM 1958-1960
USAF ETAC
ATC REPORT NO. 100-1000

CEILING VERSUS VISIBILITY

100-1000
100-1000

100-1000
100-1000

100-1000
100-1000

100-1000
100-1000

100-1000
100-1000

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-1000
100-1000

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|------|-------|------|-------|-------|------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .16 | ≥ .1 | ≥ .06 | ≥ .03 |
| NO CEILING | 47.5 | 43.3 | 40.5 | 49.4 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 51.3 | 51.4 | 51.4 | 51.4 | 51.4 | 51.5 | 51.0 |
| ≥ 20000 | 48.0 | 44.0 | 41.0 | 50.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 52.4 | 52.5 | 52.5 | 52.5 | 52.5 | 52.6 | 52.2 |
| ≥ 18000 | 48.9 | 44.9 | 41.9 | 50.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 52.9 | 53.0 | 53.0 | 53.0 | 53.0 | 53.1 | 52.7 |
| ≥ 16000 | 49.0 | 45.0 | 42.0 | 51.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 53.0 | 53.1 | 53.1 | 53.1 | 53.1 | 53.2 | 52.8 |
| ≥ 14000 | 49.4 | 45.4 | 42.4 | 51.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 53.4 | 53.5 | 53.5 | 53.5 | 53.5 | 53.6 | 53.2 |
| ≥ 12000 | 50.0 | 46.0 | 43.0 | 52.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 54.0 | 54.1 | 54.1 | 54.1 | 54.1 | 54.2 | 53.8 |
| ≥ 10000 | 50.2 | 46.2 | 43.2 | 52.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.4 | 54.0 |
| ≥ 9000 | 50.5 | 46.5 | 43.5 | 52.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 54.5 | 54.6 | 54.6 | 54.6 | 54.6 | 54.7 | 54.3 |
| ≥ 8000 | 50.9 | 46.9 | 43.9 | 52.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 54.9 | 55.0 | 55.0 | 55.0 | 55.0 | 55.1 | 54.7 |
| ≥ 7000 | 51.0 | 47.0 | 44.0 | 53.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 55.0 | 55.1 | 55.1 | 55.1 | 55.1 | 55.2 | 54.8 |
| ≥ 6000 | 51.4 | 47.4 | 44.4 | 53.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 55.4 | 55.5 | 55.5 | 55.5 | 55.5 | 55.6 | 55.2 |
| ≥ 5000 | 51.6 | 47.6 | 44.6 | 53.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 55.6 | 55.7 | 55.7 | 55.7 | 55.7 | 55.8 | 55.4 |
| ≥ 4500 | 51.8 | 47.8 | 44.8 | 53.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 55.8 | 55.9 | 55.9 | 55.9 | 55.9 | 56.0 | 55.6 |
| ≥ 4000 | 52.0 | 48.0 | 45.0 | 54.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 56.0 | 56.1 | 56.1 | 56.1 | 56.1 | 56.2 | 55.8 |
| ≥ 3500 | 52.2 | 48.2 | 45.2 | 54.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 56.2 | 56.3 | 56.3 | 56.3 | 56.3 | 56.4 | 56.0 |
| ≥ 3000 | 52.4 | 48.4 | 45.4 | 54.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 56.4 | 56.5 | 56.5 | 56.5 | 56.5 | 56.6 | 56.2 |
| ≥ 2500 | 52.6 | 48.6 | 45.6 | 54.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 56.6 | 56.7 | 56.7 | 56.7 | 56.7 | 56.8 | 56.4 |
| ≥ 2000 | 52.8 | 48.8 | 45.8 | 54.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 56.8 | 56.9 | 56.9 | 56.9 | 56.9 | 57.0 | 56.6 |
| ≥ 1800 | 53.0 | 49.0 | 46.0 | 55.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 57.0 | 57.1 | 57.1 | 57.1 | 57.1 | 57.2 | 56.8 |
| ≥ 1500 | 53.2 | 49.2 | 46.2 | 55.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 57.2 | 57.3 | 57.3 | 57.3 | 57.3 | 57.4 | 57.0 |
| ≥ 1200 | 53.4 | 49.4 | 46.4 | 55.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.6 | 57.2 |
| ≥ 1000 | 53.6 | 49.6 | 46.6 | 55.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 57.6 | 57.7 | 57.7 | 57.7 | 57.7 | 57.8 | 57.4 |
| ≥ 900 | 53.8 | 49.8 | 46.8 | 55.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 57.8 | 57.9 | 57.9 | 57.9 | 57.9 | 58.0 | 57.6 |
| ≥ 800 | 54.0 | 50.0 | 47.0 | 56.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 58.0 | 58.1 | 58.1 | 58.1 | 58.1 | 58.2 | 57.8 |
| ≥ 700 | 54.2 | 50.2 | 47.2 | 56.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 58.2 | 58.3 | 58.3 | 58.3 | 58.3 | 58.4 | 58.0 |
| ≥ 600 | 54.4 | 50.4 | 47.4 | 56.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 58.4 | 58.5 | 58.5 | 58.5 | 58.5 | 58.6 | 58.2 |
| ≥ 500 | 54.6 | 50.6 | 47.6 | 56.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 58.6 | 58.7 | 58.7 | 58.7 | 58.7 | 58.8 | 58.4 |
| ≥ 400 | 54.8 | 50.8 | 47.8 | 56.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 58.8 | 58.9 | 58.9 | 58.9 | 58.9 | 59.0 | 58.6 |
| ≥ 300 | 55.0 | 51.0 | 48.0 | 57.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 59.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 58.8 |
| ≥ 200 | 55.2 | 51.2 | 48.2 | 57.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 59.2 | 59.3 | 59.3 | 59.3 | 59.3 | 59.4 | 59.0 |
| ≥ 100 | 55.4 | 51.4 | 48.4 | 57.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 59.4 | 59.5 | 59.5 | 59.5 | 59.5 | 59.6 | 59.2 |
| ≥ 0 | 55.6 | 51.6 | 48.6 | 57.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 59.6 | 59.7 | 59.7 | 59.7 | 59.7 | 59.8 | 59.4 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0 14 5 (01) 100-1000

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

23210 PRINCE GEORGE AFB TPT

57-56

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1950-05-77

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.25 | ≥1 | ≥.75 | ≥.5 | ≥.25 | ≥.16 | ≥.1 | ≥.05 |
| NO CEILING | 32.9 | 37.7 | 40.1 | 41.5 | 41.4 | 41.4 | 42.2 | 42.5 | 42.3 | 43.5 | 44.4 | 44.5 | 45.1 | 45.3 | 46.1 | 47.0 |
| ≥ 20000 | 32.7 | 37.4 | 40.0 | 41.5 | 42.0 | 42.3 | 43.0 | 43.7 | 43.2 | 44.5 | 45.5 | 45.7 | 46.1 | 46.3 | 47.3 | 48.0 |
| ≥ 18000 | 32.7 | 37.4 | 40.0 | 41.5 | 42.0 | 42.3 | 43.0 | 43.7 | 43.2 | 44.5 | 45.5 | 45.7 | 46.1 | 46.3 | 47.3 | 48.0 |
| ≥ 16000 | 32.7 | 37.4 | 40.0 | 41.5 | 42.0 | 42.3 | 43.0 | 43.7 | 43.2 | 44.5 | 45.5 | 45.7 | 46.1 | 46.3 | 47.3 | 48.0 |
| ≥ 14000 | 32.7 | 37.4 | 40.0 | 41.5 | 42.0 | 42.3 | 43.0 | 43.7 | 43.2 | 44.5 | 45.5 | 45.7 | 46.1 | 46.3 | 47.3 | 48.0 |
| ≥ 12000 | 32.7 | 37.4 | 40.0 | 41.5 | 42.0 | 42.3 | 43.0 | 43.7 | 43.2 | 44.5 | 45.5 | 45.7 | 46.1 | 46.3 | 47.3 | 48.0 |
| ≥ 10000 | 32.7 | 37.4 | 40.0 | 41.5 | 42.0 | 42.3 | 43.0 | 43.7 | 43.2 | 44.5 | 45.5 | 45.7 | 46.1 | 46.3 | 47.3 | 48.0 |
| ≥ 9000 | 32.7 | 37.4 | 40.0 | 41.5 | 42.0 | 42.3 | 43.0 | 43.7 | 43.2 | 44.5 | 45.5 | 45.7 | 46.1 | 46.3 | 47.3 | 48.0 |
| ≥ 8000 | 32.7 | 37.4 | 40.0 | 41.5 | 42.0 | 42.3 | 43.0 | 43.7 | 43.2 | 44.5 | 45.5 | 45.7 | 46.1 | 46.3 | 47.3 | 48.0 |
| ≥ 7000 | 32.7 | 37.4 | 40.0 | 41.5 | 42.0 | 42.3 | 43.0 | 43.7 | 43.2 | 44.5 | 45.5 | 45.7 | 46.1 | 46.3 | 47.3 | 48.0 |
| ≥ 6000 | 32.7 | 37.4 | 40.0 | 41.5 | 42.0 | 42.3 | 43.0 | 43.7 | 43.2 | 44.5 | 45.5 | 45.7 | 46.1 | 46.3 | 47.3 | 48.0 |
| ≥ 5000 | 32.7 | 37.4 | 40.0 | 41.5 | 42.0 | 42.3 | 43.0 | 43.7 | 43.2 | 44.5 | 45.5 | 45.7 | 46.1 | 46.3 | 47.3 | 48.0 |
| ≥ 4500 | 32.7 | 37.4 | 40.0 | 41.5 | 42.0 | 42.3 | 43.0 | 43.7 | 43.2 | 44.5 | 45.5 | 45.7 | 46.1 | 46.3 | 47.3 | 48.0 |
| ≥ 4000 | 32.7 | 37.4 | 40.0 | 41.5 | 42.0 | 42.3 | 43.0 | 43.7 | 43.2 | 44.5 | 45.5 | 45.7 | 46.1 | 46.3 | 47.3 | 48.0 |
| ≥ 3500 | 32.7 | 37.4 | 40.0 | 41.5 | 42.0 | 42.3 | 43.0 | 43.7 | 43.2 | 44.5 | 45.5 | 45.7 | 46.1 | 46.3 | 47.3 | 48.0 |
| ≥ 3000 | 32.7 | 37.4 | 40.0 | 41.5 | 42.0 | 42.3 | 43.0 | 43.7 | 43.2 | 44.5 | 45.5 | 45.7 | 46.1 | 46.3 | 47.3 | 48.0 |
| ≥ 2500 | 32.7 | 37.4 | 40.0 | 41.5 | 42.0 | 42.3 | 43.0 | 43.7 | 43.2 | 44.5 | 45.5 | 45.7 | 46.1 | 46.3 | 47.3 | 48.0 |
| ≥ 2000 | 32.7 | 37.4 | 40.0 | 41.5 | 42.0 | 42.3 | 43.0 | 43.7 | 43.2 | 44.5 | 45.5 | 45.7 | 46.1 | 46.3 | 47.3 | 48.0 |
| ≥ 1800 | 32.7 | 37.4 | 40.0 | 41.5 | 42.0 | 42.3 | 43.0 | 43.7 | 43.2 | 44.5 | 45.5 | 45.7 | 46.1 | 46.3 | 47.3 | 48.0 |
| ≥ 1500 | 32.7 | 37.4 | 40.0 | 41.5 | 42.0 | 42.3 | 43.0 | 43.7 | 43.2 | 44.5 | 45.5 | 45.7 | 46.1 | 46.3 | 47.3 | 48.0 |
| ≥ 1200 | 32.7 | 37.4 | 40.0 | 41.5 | 42.0 | 42.3 | 43.0 | 43.7 | 43.2 | 44.5 | 45.5 | 45.7 | 46.1 | 46.3 | 47.3 | 48.0 |
| ≥ 1000 | 32.7 | 37.4 | 40.0 | 41.5 | 42.0 | 42.3 | 43.0 | 43.7 | 43.2 | 44.5 | 45.5 | 45.7 | 46.1 | 46.3 | 47.3 | 48.0 |
| ≥ 900 | 32.7 | 37.4 | 40.0 | 41.5 | 42.0 | 42.3 | 43.0 | 43.7 | 43.2 | 44.5 | 45.5 | 45.7 | 46.1 | 46.3 | 47.3 | 48.0 |
| ≥ 800 | 32.7 | 37.4 | 40.0 | 41.5 | 42.0 | 42.3 | 43.0 | 43.7 | 43.2 | 44.5 | 45.5 | 45.7 | 46.1 | 46.3 | 47.3 | 48.0 |
| ≥ 700 | 32.7 | 37.4 | 40.0 | 41.5 | 42.0 | 42.3 | 43.0 | 43.7 | 43.2 | 44.5 | 45.5 | 45.7 | 46.1 | 46.3 | 47.3 | 48.0 |
| ≥ 600 | 32.7 | 37.4 | 40.0 | 41.5 | 42.0 | 42.3 | 43.0 | 43.7 | 43.2 | 44.5 | 45.5 | 45.7 | 46.1 | 46.3 | 47.3 | 48.0 |
| ≥ 500 | 32.7 | 37.4 | 40.0 | 41.5 | 42.0 | 42.3 | 43.0 | 43.7 | 43.2 | 44.5 | 45.5 | 45.7 | 46.1 | 46.3 | 47.3 | 48.0 |
| ≥ 400 | 32.7 | 37.4 | 40.0 | 41.5 | 42.0 | 42.3 | 43.0 | 43.7 | 43.2 | 44.5 | 45.5 | 45.7 | 46.1 | 46.3 | 47.3 | 48.0 |
| ≥ 300 | 32.7 | 37.4 | 40.0 | 41.5 | 42.0 | 42.3 | 43.0 | 43.7 | 43.2 | 44.5 | 45.5 | 45.7 | 46.1 | 46.3 | 47.3 | 48.0 |
| ≥ 200 | 32.7 | 37.4 | 40.0 | 41.5 | 42.0 | 42.3 | 43.0 | 43.7 | 43.2 | 44.5 | 45.5 | 45.7 | 46.1 | 46.3 | 47.3 | 48.0 |
| ≥ 100 | 32.7 | 37.4 | 40.0 | 41.5 | 42.0 | 42.3 | 43.0 | 43.7 | 43.2 | 44.5 | 45.5 | 45.7 | 46.1 | 46.3 | 47.3 | 48.0 |
| ≥ 0 | 32.7 | 37.4 | 40.0 | 41.5 | 42.0 | 42.3 | 43.0 | 43.7 | 43.2 | 44.5 | 45.5 | 45.7 | 46.1 | 46.3 | 47.3 | 48.0 |

TOTAL NUMBER OF OBSERVATIONS

33

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/AC

CEILING VERSUS VISIBILITY

15223 PRINCE GEORGE COUNTY MD

57-56

YEAR:

1960

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1960-1960

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1.25 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .16 | ≥ .1 | ≥ 0 |
| NO CEILING | 44.6 | 43.3 | 43.4 | 44.1 | 44.5 | 44.5 | 44.2 | 44.7 | 44.6 | 42.7 | 45.3 | 45.4 | 45.3 | 45.3 | 45.4 | 42.4 |
| ≥ 20000 | 40.8 | 47.1 | 47.3 | 46.2 | 48.4 | 48.4 | 48.9 | 45.1 | 40.5 | 49.5 | 49.1 | 49.1 | 44.1 | 49.1 | 49.1 | 42.2 |
| ≥ 18000 | 47.3 | 47.6 | 47.8 | 48.2 | 48.7 | 48.7 | 48.7 | 45.7 | 48.7 | 49.2 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 42.5 |
| ≥ 16000 | 47.3 | 47.6 | 47.8 | 48.2 | 48.7 | 48.7 | 48.7 | 45.7 | 48.7 | 49.2 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 42.5 |
| ≥ 14000 | 49.1 | 49.5 | 49.7 | 50.3 | 50.8 | 50.8 | 50.9 | 50.7 | 50.7 | 51.4 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.6 |
| ≥ 12000 | 51.4 | 52.5 | 52.8 | 53.4 | 53.9 | 53.9 | 53.9 | 54.2 | 54.0 | 54.5 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.7 |
| ≥ 10000 | 55.4 | 56.7 | 56.8 | 57.1 | 57.5 | 57.5 | 57.5 | 57.5 | 57.7 | 58.3 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.5 |
| ≥ 9000 | 58.9 | 59.5 | 59.9 | 60.6 | 61.1 | 61.1 | 61.1 | 61.2 | 61.3 | 61.8 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 62.0 |
| ≥ 8000 | 61.4 | 62.5 | 62.6 | 63.1 | 63.5 | 63.5 | 63.5 | 63.7 | 63.8 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.5 |
| ≥ 7000 | 64.7 | 65.4 | 65.7 | 66.6 | 67.0 | 67.0 | 67.0 | 67.1 | 67.2 | 67.7 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.9 |
| ≥ 6000 | 67.4 | 68.3 | 68.6 | 69.5 | 69.9 | 69.9 | 69.9 | 70.0 | 70.1 | 70.6 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.9 |
| ≥ 5000 | 71.3 | 72.6 | 72.9 | 73.8 | 74.2 | 74.2 | 74.2 | 74.2 | 74.4 | 74.9 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.2 |
| ≥ 4500 | 74.4 | 75.5 | 75.8 | 76.7 | 77.1 | 77.1 | 77.1 | 77.2 | 77.3 | 77.8 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.1 |
| ≥ 4000 | 78.6 | 79.7 | 80.0 | 80.9 | 81.3 | 81.3 | 81.3 | 81.4 | 81.5 | 82.0 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.3 |
| ≥ 3500 | 81.8 | 82.9 | 83.3 | 83.1 | 83.5 | 83.5 | 83.5 | 83.7 | 83.8 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.5 |
| ≥ 3000 | 85.4 | 86.7 | 86.8 | 86.9 | 87.3 | 87.3 | 87.3 | 87.4 | 87.5 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.2 |
| ≥ 2500 | 89.4 | 90.7 | 90.8 | 90.9 | 91.3 | 91.3 | 91.3 | 91.4 | 91.5 | 92.0 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.3 |
| ≥ 2000 | 93.4 | 94.7 | 94.8 | 94.9 | 95.3 | 95.3 | 95.3 | 95.4 | 95.5 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.2 |
| ≥ 1800 | 97.4 | 98.7 | 98.8 | 98.9 | 99.3 | 99.3 | 99.3 | 99.4 | 99.5 | 100.0 | 100.1 | 100.1 | 100.1 | 100.1 | 100.1 | 100.2 |
| ≥ 1500 | 101.4 | 102.7 | 102.8 | 102.9 | 103.3 | 103.3 | 103.3 | 103.4 | 103.5 | 104.0 | 104.1 | 104.1 | 104.1 | 104.1 | 104.1 | 104.2 |
| ≥ 1200 | 105.4 | 106.7 | 106.8 | 106.9 | 107.3 | 107.3 | 107.3 | 107.4 | 107.5 | 108.0 | 108.1 | 108.1 | 108.1 | 108.1 | 108.1 | 108.2 |
| ≥ 1000 | 109.4 | 110.7 | 110.8 | 110.9 | 111.3 | 111.3 | 111.3 | 111.4 | 111.5 | 112.0 | 112.2 | 112.2 | 112.2 | 112.2 | 112.2 | 112.3 |
| ≥ 900 | 113.4 | 114.7 | 114.8 | 114.9 | 115.3 | 115.3 | 115.3 | 115.4 | 115.5 | 116.0 | 116.1 | 116.1 | 116.1 | 116.1 | 116.1 | 116.2 |
| ≥ 800 | 117.4 | 118.7 | 118.8 | 118.9 | 119.3 | 119.3 | 119.3 | 119.4 | 119.5 | 120.0 | 120.1 | 120.1 | 120.1 | 120.1 | 120.1 | 120.2 |
| ≥ 700 | 121.4 | 122.7 | 122.8 | 122.9 | 123.3 | 123.3 | 123.3 | 123.4 | 123.5 | 124.0 | 124.1 | 124.1 | 124.1 | 124.1 | 124.1 | 124.2 |
| ≥ 600 | 125.4 | 126.7 | 126.8 | 126.9 | 127.3 | 127.3 | 127.3 | 127.4 | 127.5 | 128.0 | 128.1 | 128.1 | 128.1 | 128.1 | 128.1 | 128.2 |
| ≥ 500 | 129.4 | 130.7 | 130.8 | 130.9 | 131.3 | 131.3 | 131.3 | 131.4 | 131.5 | 132.0 | 132.2 | 132.2 | 132.2 | 132.2 | 132.2 | 132.3 |
| ≥ 400 | 133.4 | 134.7 | 134.8 | 134.9 | 135.3 | 135.3 | 135.3 | 135.4 | 135.5 | 136.0 | 136.1 | 136.1 | 136.1 | 136.1 | 136.1 | 136.2 |
| ≥ 300 | 137.4 | 138.7 | 138.8 | 138.9 | 139.3 | 139.3 | 139.3 | 139.4 | 139.5 | 140.0 | 140.1 | 140.1 | 140.1 | 140.1 | 140.1 | 140.2 |
| ≥ 200 | 141.4 | 142.7 | 142.8 | 142.9 | 143.3 | 143.3 | 143.3 | 143.4 | 143.5 | 144.0 | 144.1 | 144.1 | 144.1 | 144.1 | 144.1 | 144.2 |
| ≥ 100 | 145.4 | 146.7 | 146.8 | 146.9 | 147.3 | 147.3 | 147.3 | 147.4 | 147.5 | 148.0 | 148.1 | 148.1 | 148.1 | 148.1 | 148.1 | 148.2 |
| ≥ 0 | 149.4 | 150.7 | 150.8 | 150.9 | 151.3 | 151.3 | 151.3 | 151.4 | 151.5 | 152.0 | 152.2 | 152.2 | 152.2 | 152.2 | 152.2 | 152.3 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

STATION NAME: FANNING GEORGE COUNTY, GA
STATION NUMBER: 37-66

YEAR: 1965

MONTH: 12

DAY: 1

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1205-1700

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|------|------|------|------|-------|-------|--------|--------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .5 | ≥ .3 | ≥ .1 | ≥ .05 | ≥ .01 | ≥ .005 | ≥ .001 |
| NO CEILING | 41.7 | 42.0 | 42.2 | 42.3 | 42.3 | 42.3 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| ≥ 20000 | 41.7 | 42.0 | 42.2 | 42.3 | 42.3 | 42.3 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| IV 18000 | 41.7 | 42.0 | 42.2 | 42.3 | 42.3 | 42.3 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| IV 16000 | 41.7 | 42.0 | 42.2 | 42.3 | 42.3 | 42.3 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| IV 14000 | 41.7 | 42.0 | 42.2 | 42.3 | 42.3 | 42.3 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| IV 12000 | 41.7 | 42.0 | 42.2 | 42.3 | 42.3 | 42.3 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| IV 10000 | 41.7 | 42.0 | 42.2 | 42.3 | 42.3 | 42.3 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| IV 9000 | 41.7 | 42.0 | 42.2 | 42.3 | 42.3 | 42.3 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| IV 8000 | 41.7 | 42.0 | 42.2 | 42.3 | 42.3 | 42.3 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| IV 7000 | 41.7 | 42.0 | 42.2 | 42.3 | 42.3 | 42.3 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| IV 6000 | 41.7 | 42.0 | 42.2 | 42.3 | 42.3 | 42.3 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| IV 5000 | 41.7 | 42.0 | 42.2 | 42.3 | 42.3 | 42.3 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| IV 4500 | 41.7 | 42.0 | 42.2 | 42.3 | 42.3 | 42.3 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| IV 4000 | 41.7 | 42.0 | 42.2 | 42.3 | 42.3 | 42.3 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| IV 3500 | 41.7 | 42.0 | 42.2 | 42.3 | 42.3 | 42.3 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| IV 3000 | 41.7 | 42.0 | 42.2 | 42.3 | 42.3 | 42.3 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| IV 2500 | 41.7 | 42.0 | 42.2 | 42.3 | 42.3 | 42.3 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| IV 2000 | 41.7 | 42.0 | 42.2 | 42.3 | 42.3 | 42.3 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| IV 1800 | 41.7 | 42.0 | 42.2 | 42.3 | 42.3 | 42.3 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| IV 1500 | 41.7 | 42.0 | 42.2 | 42.3 | 42.3 | 42.3 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| IV 1200 | 41.7 | 42.0 | 42.2 | 42.3 | 42.3 | 42.3 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| IV 1000 | 41.7 | 42.0 | 42.2 | 42.3 | 42.3 | 42.3 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| IV 900 | 41.7 | 42.0 | 42.2 | 42.3 | 42.3 | 42.3 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| IV 800 | 41.7 | 42.0 | 42.2 | 42.3 | 42.3 | 42.3 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| IV 700 | 41.7 | 42.0 | 42.2 | 42.3 | 42.3 | 42.3 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| IV 600 | 41.7 | 42.0 | 42.2 | 42.3 | 42.3 | 42.3 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| IV 500 | 41.7 | 42.0 | 42.2 | 42.3 | 42.3 | 42.3 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| IV 400 | 41.7 | 42.0 | 42.2 | 42.3 | 42.3 | 42.3 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| IV 300 | 41.7 | 42.0 | 42.2 | 42.3 | 42.3 | 42.3 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| IV 200 | 41.7 | 42.0 | 42.2 | 42.3 | 42.3 | 42.3 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| IV 100 | 41.7 | 42.0 | 42.2 | 42.3 | 42.3 | 42.3 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| IV 0 | 41.7 | 42.0 | 42.2 | 42.3 | 42.3 | 42.3 | 42.0 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 12-64 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR CATERING SERVICE

CEILING VERSUS VISIBILITY

DATE: 01-14-51
LOCATION: 01-14-51

57-06

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

100-2100

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|-----|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--------|---------|--------|---------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ 0.5 | ≥ 0.25 | ≥ 0.1 | ≥ 0.05 | ≥ 0.025 | ≥ 0.01 | ≥ 0.005 |
| NO CEILING | 5.5 | 5.7 | 46.4 | 47.5 | 47.5 | 47.5 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 |
| ≥ 20000 | 5.5 | 5.7 | 49.7 | 50.5 | 50.5 | 50.5 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 |
| ≥ 18000 | 5.5 | 5.7 | 49.7 | 50.5 | 50.5 | 50.5 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 |
| ≥ 16000 | 5.5 | 5.7 | 50.5 | 51.3 | 51.3 | 51.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 14000 | 5.5 | 5.7 | 52.3 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 |
| ≥ 12000 | 5.5 | 5.7 | 54.8 | 55.5 | 55.5 | 55.5 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 |
| ≥ 10000 | 5.5 | 5.7 | 56.2 | 58.2 | 58.2 | 58.2 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 |
| ≥ 9000 | 5.5 | 5.7 | 58.2 | 61.1 | 61.1 | 61.1 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| ≥ 8000 | 5.5 | 5.7 | 61.1 | 64.5 | 64.5 | 64.5 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| ≥ 7000 | 5.5 | 5.7 | 64.5 | 68.2 | 68.2 | 68.2 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| ≥ 6000 | 5.5 | 5.7 | 68.2 | 71.1 | 71.1 | 71.1 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| ≥ 5000 | 5.5 | 5.7 | 71.1 | 74.5 | 74.5 | 74.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 4500 | 5.5 | 5.7 | 74.5 | 77.7 | 77.7 | 77.7 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| ≥ 4000 | 5.5 | 5.7 | 77.7 | 80.8 | 80.8 | 80.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 3500 | 5.5 | 5.7 | 80.8 | 83.3 | 83.3 | 83.3 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 3000 | 5.5 | 5.7 | 83.3 | 85.5 | 85.5 | 85.5 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 2500 | 5.5 | 5.7 | 85.5 | 87.7 | 87.7 | 87.7 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 2000 | 5.5 | 5.7 | 87.7 | 89.6 | 89.6 | 89.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 1800 | 5.5 | 5.7 | 89.6 | 91.5 | 91.5 | 91.5 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 1500 | 5.5 | 5.7 | 91.5 | 93.3 | 93.3 | 93.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 1200 | 5.5 | 5.7 | 93.3 | 94.5 | 94.5 | 94.5 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 1000 | 5.5 | 5.7 | 94.5 | 95.5 | 95.5 | 95.5 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 900 | 5.5 | 5.7 | 95.5 | 96.5 | 96.5 | 96.5 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 800 | 5.5 | 5.7 | 96.5 | 97.5 | 97.5 | 97.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 700 | 5.5 | 5.7 | 97.5 | 98.5 | 98.5 | 98.5 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 5.5 | 5.7 | 98.5 | 99.0 | 99.0 | 99.0 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 500 | 5.5 | 5.7 | 99.0 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 5.5 | 5.7 | 99.5 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 5.5 | 5.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 5.5 | 5.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 5.5 | 5.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 5.5 | 5.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

237

USAF ETAC FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
419 EAST FIFTH AVENUE

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

57-66

(FROM HOURLY OBSERVATIONS)

0001-0000

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .1 | ≥ .05 | ≥ .01 | ≥ 0 |
| NO CEILING | 45.3 | 45.2 | 45.4 | 45.7 | 45.9 | 45.9 | 45.9 | 46.0 | 46.0 | 46.3 | 46.3 | 47.0 | 47.1 | 47.0 | 48.0 | 51.2 |
| ≥ 20000 | 45.8 | 46.0 | 46.2 | 46.4 | 46.6 | 46.6 | 46.7 | 46.8 | 46.8 | 47.1 | 47.1 | 47.7 | 47.7 | 47.7 | 48.9 | 51.0 |
| ≥ 18000 | 45.3 | 45.3 | 46.0 | 46.0 | 46.7 | 46.7 | 46.8 | 46.9 | 46.9 | 47.2 | 47.4 | 47.5 | 47.5 | 47.5 | 49.1 | 51.1 |
| ≥ 16000 | 47.4 | 47.7 | 47.9 | 48.1 | 48.2 | 48.2 | 48.3 | 48.4 | 48.4 | 48.6 | 48.6 | 49.3 | 49.4 | 49.4 | 51.2 | 52.7 |
| ≥ 14000 | 46.6 | 46.6 | 47.0 | 47.2 | 47.3 | 47.3 | 47.4 | 47.4 | 47.4 | 47.7 | 47.7 | 48.4 | 48.4 | 48.4 | 50.0 | 51.5 |
| ≥ 12000 | 45.4 | 45.7 | 45.9 | 46.1 | 46.2 | 46.2 | 46.3 | 46.4 | 46.4 | 46.6 | 46.6 | 47.4 | 47.4 | 47.4 | 49.0 | 50.5 |
| ≥ 10000 | 46.0 | 46.2 | 46.4 | 46.7 | 46.8 | 46.8 | 46.9 | 46.9 | 47.0 | 47.2 | 47.2 | 48.0 | 48.0 | 48.0 | 49.6 | 51.1 |
| ≥ 8000 | 46.1 | 46.3 | 46.6 | 46.8 | 47.0 | 47.0 | 47.1 | 47.1 | 47.2 | 47.4 | 47.4 | 48.2 | 48.2 | 48.2 | 49.8 | 51.3 |
| ≥ 6000 | 46.2 | 46.6 | 46.8 | 47.0 | 47.1 | 47.1 | 47.2 | 47.2 | 47.3 | 47.5 | 47.5 | 48.3 | 48.3 | 48.3 | 49.9 | 51.4 |
| ≥ 4500 | 46.7 | 47.0 | 47.3 | 47.5 | 47.6 | 47.6 | 47.7 | 47.7 | 47.8 | 48.0 | 48.0 | 48.8 | 48.8 | 48.8 | 50.4 | 51.9 |
| ≥ 4000 | 46.7 | 47.0 | 47.3 | 47.5 | 47.6 | 47.6 | 47.7 | 47.7 | 47.8 | 48.0 | 48.0 | 48.8 | 48.8 | 48.8 | 50.4 | 51.9 |
| ≥ 3500 | 46.7 | 47.0 | 47.3 | 47.5 | 47.6 | 47.6 | 47.7 | 47.7 | 47.8 | 48.0 | 48.0 | 48.8 | 48.8 | 48.8 | 50.4 | 51.9 |
| ≥ 3000 | 46.7 | 47.0 | 47.3 | 47.5 | 47.6 | 47.6 | 47.7 | 47.7 | 47.8 | 48.0 | 48.0 | 48.8 | 48.8 | 48.8 | 50.4 | 51.9 |
| ≥ 2500 | 46.7 | 47.0 | 47.3 | 47.5 | 47.6 | 47.6 | 47.7 | 47.7 | 47.8 | 48.0 | 48.0 | 48.8 | 48.8 | 48.8 | 50.4 | 51.9 |
| ≥ 2000 | 46.7 | 47.0 | 47.3 | 47.5 | 47.6 | 47.6 | 47.7 | 47.7 | 47.8 | 48.0 | 48.0 | 48.8 | 48.8 | 48.8 | 50.4 | 51.9 |
| ≥ 1800 | 46.7 | 47.0 | 47.3 | 47.5 | 47.6 | 47.6 | 47.7 | 47.7 | 47.8 | 48.0 | 48.0 | 48.8 | 48.8 | 48.8 | 50.4 | 51.9 |
| ≥ 1500 | 46.7 | 47.0 | 47.3 | 47.5 | 47.6 | 47.6 | 47.7 | 47.7 | 47.8 | 48.0 | 48.0 | 48.8 | 48.8 | 48.8 | 50.4 | 51.9 |
| ≥ 1200 | 46.7 | 47.0 | 47.3 | 47.5 | 47.6 | 47.6 | 47.7 | 47.7 | 47.8 | 48.0 | 48.0 | 48.8 | 48.8 | 48.8 | 50.4 | 51.9 |
| ≥ 1000 | 46.7 | 47.0 | 47.3 | 47.5 | 47.6 | 47.6 | 47.7 | 47.7 | 47.8 | 48.0 | 48.0 | 48.8 | 48.8 | 48.8 | 50.4 | 51.9 |
| ≥ 900 | 46.7 | 47.0 | 47.3 | 47.5 | 47.6 | 47.6 | 47.7 | 47.7 | 47.8 | 48.0 | 48.0 | 48.8 | 48.8 | 48.8 | 50.4 | 51.9 |
| ≥ 800 | 46.7 | 47.0 | 47.3 | 47.5 | 47.6 | 47.6 | 47.7 | 47.7 | 47.8 | 48.0 | 48.0 | 48.8 | 48.8 | 48.8 | 50.4 | 51.9 |
| ≥ 700 | 46.7 | 47.0 | 47.3 | 47.5 | 47.6 | 47.6 | 47.7 | 47.7 | 47.8 | 48.0 | 48.0 | 48.8 | 48.8 | 48.8 | 50.4 | 51.9 |
| ≥ 600 | 46.7 | 47.0 | 47.3 | 47.5 | 47.6 | 47.6 | 47.7 | 47.7 | 47.8 | 48.0 | 48.0 | 48.8 | 48.8 | 48.8 | 50.4 | 51.9 |
| ≥ 500 | 46.7 | 47.0 | 47.3 | 47.5 | 47.6 | 47.6 | 47.7 | 47.7 | 47.8 | 48.0 | 48.0 | 48.8 | 48.8 | 48.8 | 50.4 | 51.9 |
| ≥ 400 | 46.7 | 47.0 | 47.3 | 47.5 | 47.6 | 47.6 | 47.7 | 47.7 | 47.8 | 48.0 | 48.0 | 48.8 | 48.8 | 48.8 | 50.4 | 51.9 |
| ≥ 300 | 46.7 | 47.0 | 47.3 | 47.5 | 47.6 | 47.6 | 47.7 | 47.7 | 47.8 | 48.0 | 48.0 | 48.8 | 48.8 | 48.8 | 50.4 | 51.9 |
| ≥ 200 | 46.7 | 47.0 | 47.3 | 47.5 | 47.6 | 47.6 | 47.7 | 47.7 | 47.8 | 48.0 | 48.0 | 48.8 | 48.8 | 48.8 | 50.4 | 51.9 |
| ≥ 100 | 46.7 | 47.0 | 47.3 | 47.5 | 47.6 | 47.6 | 47.7 | 47.7 | 47.8 | 48.0 | 48.0 | 48.8 | 48.8 | 48.8 | 50.4 | 51.9 |
| ≥ 0 | 46.7 | 47.0 | 47.3 | 47.5 | 47.6 | 47.6 | 47.7 | 47.7 | 47.8 | 48.0 | 48.0 | 48.8 | 48.8 | 48.8 | 50.4 | 51.9 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14-5 (OL 1)

6411

WFO 25-5527 180000
 180000
 180000

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 10000 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 13000 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 16000 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 14000 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 12000 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 10000 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 9000 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 8000 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 7000 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 6000 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 5000 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 4500 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 4000 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 3500 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 3000 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 2500 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 2000 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 1800 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 1500 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 1200 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 1000 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 900 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 800 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 700 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 600 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 500 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 400 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 300 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 200 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 100 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 0 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0145 OL1

DATA PROCESSING DIVISION
USAF ETAC
AIR FORCE ENGINEERING AND DEVELOPMENT

CEILING VERSUS VISIBILITY

252-5 PROJECT NUMBER 0-14-5 (OL 1)

57-88

YEAR

19

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12-1-1967

| CEILING FEET | VISIBILITY, STATUTE MILES | | | | | | | | | | | | | | | |
|------------------------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 20 | 20 | 25 | 24 | 23 | 22 | 22 | 21 | 21 | 21 | 24 | 24 | 24 | 25 | 25 | 26 |
| NO. CEILING ≥ 20000 | 7.4 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 |
| IV 18000 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 |
| IV 16000 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 |
| IV 14000 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| IV 12000 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 |
| IV 10000 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| IV 9000 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| IV 8000 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| IV 7000 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| IV 6000 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| IV 5000 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| IV 4500 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| IV 4000 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| IV 3500 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| IV 3000 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| IV 2500 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| IV 2000 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| IV 1800 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| IV 1500 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| IV 1200 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| IV 1000 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| IV 900 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV 800 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| IV 700 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 600 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV 500 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| IV 400 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| IV 300 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 200 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| IV 100 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

740

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS FOR THIS FORM ARE OBSOLETE

21

U.S. AIR FORCE
 1540 ETC
 15-00000-1-101-100

CEILING VERSUS VISIBILITY

15-00000-1-101-100

37-56

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

15-00-1700

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 |
| ≥ 20000 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| ≥ 18000 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 |
| ≥ 16000 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 |
| ≥ 14000 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 |
| ≥ 12000 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| ≥ 10000 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| ≥ 9000 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 |
| ≥ 8000 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| ≥ 7000 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| ≥ 6000 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 5000 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 4500 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 4000 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 3500 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 3000 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 2500 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 2000 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1800 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 1500 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 1200 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 1000 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 900 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 800 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 700 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 600 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 500 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 400 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 300 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 200 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 100 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 0 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 10-14-5 (OL 1) PREVIOUS EDITIONS ARE OBSOLETE

DATA PRESENTATION DIVISION
USAF ETAC
AIR FORCE SERVICE/AC

CEILING VERSUS VISIBILITY

25201 DALLAS GEORGE E. C. INT. APT
STATION NAME

57-86

YEAR

19

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1-1-66-29-00

| CEILING FEET | VISIBILITY: STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 43.9 | 44.0 | 44.0 | 44.0 | 44.0 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.2 | 44.2 | 44.2 |
| ≥ 20000 | 47.1 | 47.2 | 47.2 | 47.2 | 47.2 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.4 | 47.4 | 47.4 |
| ≥ 18000 | 47.3 | 47.4 | 47.4 | 47.4 | 47.4 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.7 | 47.7 | 47.7 |
| ≥ 16000 | 48.7 | 48.8 | 48.8 | 48.8 | 48.8 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 49.0 | 49.0 | 49.0 |
| ≥ 14000 | 52.4 | 52.6 | 52.6 | 52.6 | 52.6 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.8 | 52.8 | 52.8 |
| ≥ 12000 | 56.9 | 57.0 | 57.0 | 57.0 | 57.0 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.2 | 57.2 | 57.2 |
| ≥ 10000 | 61.6 | 61.7 | 61.7 | 61.7 | 61.7 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.9 | 61.9 | 61.9 |
| ≥ 9000 | 64.1 | 64.2 | 64.2 | 64.2 | 64.2 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.4 | 64.4 | 64.4 |
| ≥ 8000 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.1 | 67.1 | 67.1 |
| ≥ 7000 | 71.4 | 71.6 | 71.6 | 71.7 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.9 | 71.9 | 71.9 |
| ≥ 6000 | 76.9 | 77.0 | 77.1 | 77.3 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.6 | 77.6 | 77.6 |
| ≥ 5000 | 83.8 | 84.0 | 84.2 | 84.6 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.8 | 84.8 | 84.8 |
| ≥ 4500 | 86.6 | 87.3 | 87.6 | 87.9 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.2 | 88.2 | 88.2 |
| ≥ 4000 | 89.0 | 89.9 | 90.1 | 90.4 | 90.4 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.8 | 90.8 | 90.8 |
| ≥ 3500 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.6 | 92.6 | 92.6 |
| ≥ 3000 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.9 | 94.9 | 94.9 |
| ≥ 2500 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 2000 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 1800 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1500 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1200 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 1000 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 900 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 800 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 700 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 600 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 500 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 400 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 300 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 200 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 100 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |

TOTAL NUMBER OF OBSERVATIONS

2,000

USAF ETAC 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

252 D PRINCE GEORGE CANT PT

57-06

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.2 | ≥1 | ≥.8 | ≥.6 | ≥.5 | ≥.4 | ≥.3 | ≥.2 |
| NO CEILING | 46.1 | 45.4 | 46.6 | 46.6 | 46.6 | 46.6 | 46.7 | 46.7 | 46.7 | 47.1 | 47.2 | 47.4 | 48.0 | 48.1 | 48.1 | 47.8 |
| ≥ 20000 | 48.0 | 48.9 | 49.5 | 49.0 | 49.0 | 49.1 | 49.3 | 49.3 | 49.3 | 49.6 | 49.7 | 49.9 | 50.4 | 50.8 | 51.0 | 51.2 |
| ≥ 18000 | 49.6 | 49.9 | 49.6 | 49.6 | 49.6 | 49.6 | 49.3 | 49.3 | 49.3 | 49.6 | 49.7 | 49.9 | 50.4 | 50.8 | 51.0 | 51.2 |
| ≥ 16000 | 49.1 | 49.4 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.9 | 49.9 | 49.9 | 50.1 | 50.2 | 50.4 | 51.0 | 51.3 | 51.4 |
| ≥ 14000 | 50.4 | 50.8 | 50.9 | 50.9 | 50.9 | 50.9 | 51.2 | 51.2 | 51.2 | 51.2 | 51.4 | 51.6 | 51.7 | 52.3 | 52.7 | 52.9 |
| ≥ 12000 | 54.0 | 54.4 | 54.6 | 54.6 | 54.6 | 54.6 | 54.7 | 54.9 | 54.9 | 55.1 | 55.2 | 55.4 | 56.0 | 56.3 | 56.6 | 56.8 |
| ≥ 10000 | 59.2 | 59.3 | 59.9 | 59.9 | 60.0 | 60.0 | 60.3 | 60.3 | 60.3 | 60.3 | 60.6 | 60.7 | 60.9 | 61.4 | 61.8 | 62.0 |
| ≥ 9000 | 61.4 | 62.3 | 62.1 | 62.1 | 62.2 | 62.2 | 62.0 | 62.6 | 62.6 | 62.8 | 62.9 | 63.1 | 63.7 | 64.0 | 64.2 | 64.4 |
| ≥ 8000 | 65.2 | 65.9 | 66.0 | 66.0 | 66.1 | 66.1 | 66.4 | 66.4 | 66.4 | 66.7 | 66.7 | 66.9 | 67.1 | 67.6 | 67.9 | 68.1 |
| ≥ 7000 | 73.2 | 74.1 | 74.2 | 74.2 | 74.4 | 74.5 | 74.7 | 74.7 | 74.7 | 75.0 | 75.1 | 75.3 | 75.9 | 76.2 | 76.4 | 76.7 |
| ≥ 6000 | 78.0 | 79.2 | 79.3 | 79.3 | 79.4 | 79.4 | 79.6 | 79.6 | 79.8 | 79.8 | 80.1 | 80.2 | 80.4 | 81.0 | 81.3 | 81.6 |
| ≥ 5000 | 83.3 | 84.9 | 85.0 | 85.0 | 85.1 | 85.1 | 85.4 | 85.4 | 85.4 | 85.9 | 86.0 | 86.2 | 86.9 | 87.2 | 87.4 | 87.7 |
| ≥ 4500 | 85.0 | 86.3 | 86.9 | 86.9 | 87.0 | 87.0 | 87.3 | 87.4 | 87.4 | 88.0 | 88.1 | 88.3 | 89.0 | 89.3 | 89.5 | 89.8 |
| ≥ 4000 | 86.3 | 88.4 | 90.6 | 90.7 | 90.8 | 90.8 | 91.1 | 91.2 | 91.2 | 91.8 | 91.9 | 92.1 | 92.9 | 93.2 | 93.5 | 93.7 |
| ≥ 3500 | 91.7 | 92.1 | 92.3 | 92.4 | 92.6 | 92.6 | 92.9 | 93.1 | 93.0 | 93.6 | 93.7 | 93.9 | 94.7 | 95.0 | 95.2 | 95.4 |
| ≥ 3000 | 90.9 | 93.4 | 94.0 | 94.1 | 94.2 | 94.2 | 94.6 | 94.7 | 94.7 | 95.2 | 95.3 | 95.5 | 96.3 | 96.7 | 96.9 | 97.1 |
| ≥ 2500 | 91.7 | 94.8 | 95.1 | 95.1 | 95.2 | 95.2 | 95.6 | 95.7 | 95.7 | 96.2 | 96.3 | 96.5 | 97.3 | 97.7 | 97.9 | 98.1 |
| ≥ 2000 | 91.9 | 95.0 | 95.3 | 95.4 | 95.6 | 95.6 | 96.0 | 96.1 | 96.1 | 96.7 | 96.8 | 97.0 | 97.6 | 98.1 | 98.3 | 98.5 |
| ≥ 1800 | 92.0 | 95.1 | 95.4 | 95.5 | 95.7 | 95.7 | 96.1 | 96.2 | 96.2 | 96.8 | 96.9 | 97.1 | 97.9 | 98.2 | 98.4 | 98.7 |
| ≥ 1500 | 92.1 | 95.2 | 95.6 | 95.7 | 95.8 | 95.8 | 96.2 | 96.3 | 96.3 | 96.9 | 97.0 | 97.2 | 98.0 | 98.3 | 98.5 | 98.8 |
| ≥ 1200 | 92.1 | 95.2 | 95.8 | 96.0 | 96.1 | 96.1 | 96.6 | 96.7 | 96.7 | 97.2 | 97.3 | 97.5 | 98.3 | 98.7 | 98.9 | 99.1 |
| ≥ 1000 | 92.2 | 95.3 | 95.9 | 96.1 | 96.2 | 96.2 | 96.7 | 96.8 | 96.8 | 97.3 | 97.4 | 97.7 | 98.4 | 98.9 | 99.1 | 99.2 |
| ≥ 900 | 92.2 | 95.3 | 95.9 | 96.1 | 96.2 | 96.2 | 96.7 | 96.8 | 96.8 | 97.3 | 97.4 | 97.7 | 98.4 | 98.9 | 99.1 | 99.2 |
| ≥ 800 | 92.2 | 95.4 | 96.0 | 96.2 | 96.3 | 96.3 | 96.8 | 96.9 | 96.9 | 97.4 | 97.6 | 97.8 | 98.6 | 98.9 | 99.1 | 99.3 |
| ≥ 700 | 92.2 | 95.4 | 96.0 | 96.2 | 96.3 | 96.3 | 96.8 | 96.9 | 96.9 | 97.4 | 97.6 | 97.8 | 98.6 | 98.9 | 99.1 | 99.3 |
| ≥ 600 | 92.2 | 95.4 | 96.0 | 96.2 | 96.3 | 96.3 | 96.8 | 96.9 | 96.9 | 97.4 | 97.6 | 97.8 | 98.6 | 98.9 | 99.1 | 99.3 |
| ≥ 500 | 92.2 | 95.4 | 96.0 | 96.2 | 96.3 | 96.3 | 96.8 | 96.9 | 96.9 | 97.4 | 97.6 | 97.8 | 98.6 | 98.9 | 99.1 | 99.3 |
| ≥ 400 | 92.2 | 95.4 | 96.0 | 96.2 | 96.3 | 96.3 | 96.8 | 96.9 | 96.9 | 97.4 | 97.6 | 97.8 | 98.6 | 98.9 | 99.1 | 99.3 |
| ≥ 300 | 92.3 | 95.7 | 96.2 | 96.4 | 96.6 | 96.6 | 97.0 | 97.1 | 97.1 | 97.7 | 97.8 | 98.1 | 98.8 | 99.1 | 99.3 | 99.5 |
| ≥ 200 | 92.3 | 95.8 | 96.3 | 96.6 | 96.7 | 96.7 | 97.1 | 97.2 | 97.2 | 97.8 | 97.9 | 98.1 | 98.9 | 99.2 | 99.4 | 99.7 |
| ≥ 100 | 92.3 | 95.8 | 96.3 | 96.6 | 96.7 | 96.7 | 97.1 | 97.2 | 97.2 | 97.8 | 97.9 | 98.1 | 98.9 | 99.2 | 99.4 | 99.7 |
| ≥ 0 | 92.3 | 95.8 | 96.3 | 96.6 | 96.7 | 96.7 | 97.1 | 97.2 | 97.2 | 97.8 | 97.9 | 98.1 | 98.9 | 99.2 | 99.4 | 99.7 |

TOTAL NUMBER OF OBSERVATIONS

100

USAF ETAC FORM 0-14-5 (OL 1) 0-14-5 (OL 1) 0-14-5 (OL 1) 0-14-5 (OL 1)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE 40

CEILING VERSUS VISIBILITY

252 PRICE OF 36P 1.5 UNIT APT

57-66

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0.00-0.000

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|------|------|------|-------|------|-------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .5 | ≥ .3 | ≥ .25 | ≥ .2 | ≥ .15 | ≥ .1 | ≥ 0 |
| NO CEILING | 5.8 | 56.6 | 36.6 | 36.8 | 37.1 | 37.1 | 37.4 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 20000 | 7.6 | 58.3 | 36.3 | 35.6 | 35.1 | 35.1 | 35.0 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 | 35.7 |
| IV ≥ 18000 | 7.7 | 58.6 | 35.6 | 35.9 | 35.2 | 35.2 | 35.7 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 |
| IV ≥ 16000 | 7.8 | 58.9 | 35.9 | 36.2 | 35.5 | 35.5 | 36.0 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 |
| IV ≥ 14000 | 7.9 | 59.5 | 36.5 | 36.8 | 36.1 | 36.1 | 36.6 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| IV ≥ 12000 | 8.0 | 60.1 | 37.1 | 37.4 | 36.7 | 36.7 | 37.2 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 |
| IV ≥ 10000 | 8.1 | 60.7 | 37.7 | 38.0 | 37.3 | 37.3 | 37.8 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 |
| IV ≥ 9000 | 8.2 | 61.3 | 38.3 | 38.6 | 37.9 | 37.9 | 38.4 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 |
| IV ≥ 8000 | 8.3 | 61.9 | 38.9 | 39.2 | 38.5 | 38.5 | 39.0 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 |
| IV ≥ 7000 | 8.4 | 62.5 | 39.5 | 39.8 | 39.1 | 39.1 | 39.6 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 |
| IV ≥ 6000 | 8.5 | 63.1 | 40.1 | 40.4 | 39.7 | 39.7 | 40.2 | 40.3 | 40.3 | 40.3 | 40.3 | 40.3 | 40.3 | 40.3 | 40.3 | 40.3 |
| IV ≥ 5000 | 8.6 | 63.7 | 40.7 | 41.0 | 40.3 | 40.3 | 40.8 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 |
| IV ≥ 4500 | 8.7 | 64.3 | 41.3 | 41.6 | 40.9 | 40.9 | 41.4 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 |
| IV ≥ 4000 | 8.8 | 64.9 | 41.9 | 42.2 | 41.5 | 41.5 | 42.0 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 | 42.1 |
| IV ≥ 3500 | 8.9 | 65.5 | 42.5 | 42.8 | 42.1 | 42.1 | 42.6 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| IV ≥ 3000 | 9.0 | 66.1 | 43.1 | 43.4 | 42.7 | 42.7 | 43.2 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 |
| IV ≥ 2500 | 9.1 | 66.7 | 43.7 | 44.0 | 43.3 | 43.3 | 43.8 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 |
| IV ≥ 2000 | 9.2 | 67.3 | 44.3 | 44.6 | 43.9 | 43.9 | 44.4 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 |
| IV ≥ 1800 | 9.3 | 67.9 | 44.9 | 45.2 | 44.5 | 44.5 | 45.0 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 |
| IV ≥ 1500 | 9.4 | 68.5 | 45.5 | 45.8 | 45.1 | 45.1 | 45.6 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 |
| IV ≥ 1200 | 9.5 | 69.1 | 46.1 | 46.4 | 45.7 | 45.7 | 46.2 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 |
| IV ≥ 1000 | 9.6 | 69.7 | 46.7 | 47.0 | 46.3 | 46.3 | 46.8 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 |
| IV ≥ 900 | 9.7 | 70.3 | 47.3 | 47.6 | 46.9 | 46.9 | 47.4 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 |
| IV ≥ 800 | 9.8 | 70.9 | 47.9 | 48.2 | 47.5 | 47.5 | 48.0 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 |
| IV ≥ 700 | 9.9 | 71.5 | 48.5 | 48.8 | 48.1 | 48.1 | 48.6 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 |
| IV ≥ 600 | 10.0 | 72.1 | 49.1 | 49.4 | 48.7 | 48.7 | 49.2 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 | 49.3 |
| IV ≥ 500 | 10.1 | 72.7 | 49.7 | 50.0 | 49.3 | 49.3 | 49.8 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 |
| IV ≥ 400 | 10.2 | 73.3 | 50.3 | 50.6 | 49.9 | 49.9 | 50.4 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 |
| IV ≥ 300 | 10.3 | 73.9 | 50.9 | 51.2 | 50.5 | 50.5 | 51.0 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 |
| IV ≥ 200 | 10.4 | 74.5 | 51.5 | 51.8 | 51.1 | 51.1 | 51.6 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| IV ≥ 100 | 10.5 | 75.1 | 52.1 | 52.4 | 51.7 | 51.7 | 52.2 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| IV ≥ 0 | 10.6 | 75.7 | 52.7 | 53.0 | 52.3 | 52.3 | 52.8 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS WITH THIS FORM ARE OBSOLETE

DATA PROCESSOR DIVISION
USAF ETAC
AFM EATLX EVIDENCE

CEILING VERSUS VISIBILITY

25274
STATION

WINDICE 66000 000000
UNIT NAME

57-66
YEAR

(1
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0210-1100
TIME

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|-------|------|-------|------|-------|------|-------|-------|------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .15 | ≥ .1 | ≥ .05 | ≥ 0 |
| NO CEILING | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 |
| ≥ 20000 | 33.8 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 | 34.2 |
| ≥ 18000 | 34.0 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.4 | 34.4 | 34.4 | 34.4 | 34.4 | 34.4 | 34.4 |
| ≥ 16000 | 35.5 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 | 35.9 |
| ≥ 14000 | 36.9 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 |
| ≥ 12000 | 44.0 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 | 44.5 |
| ≥ 10000 | 50.7 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 |
| ≥ 9000 | 53.9 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 |
| ≥ 8000 | 57.8 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 |
| ≥ 7000 | 61.7 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 |
| ≥ 6000 | 64.4 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| ≥ 5000 | 68.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 |
| ≥ 4500 | 71.2 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| ≥ 4000 | 74.4 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| ≥ 3500 | 76.0 | 77.0 | 77.1 | 77.7 | 78.0 | 78.1 | 78.1 | 78.2 | 78.3 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 3000 | 77.5 | 78.0 | 78.1 | 80.0 | 80.2 | 80.3 | 80.3 | 80.4 | 80.5 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 2500 | 79.0 | 80.3 | 80.6 | 81.8 | 81.8 | 81.9 | 81.9 | 82.1 | 82.2 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 2000 | 80.6 | 82.2 | 82.5 | 83.5 | 83.9 | 84.0 | 84.1 | 84.2 | 84.3 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 1800 | 81.9 | 82.6 | 82.9 | 84.1 | 84.4 | 84.5 | 84.7 | 84.8 | 84.9 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 1500 | 82.9 | 84.2 | 84.5 | 85.9 | 86.2 | 86.3 | 86.6 | 86.8 | 87.0 | 87.4 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| ≥ 1200 | 82.0 | 85.1 | 85.4 | 87.0 | 87.5 | 87.6 | 87.6 | 88.2 | 88.4 | 88.8 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 1000 | 83.1 | 85.5 | 85.8 | 87.4 | 88.0 | 88.1 | 88.3 | 88.5 | 88.8 | 89.4 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 900 | 83.1 | 85.8 | 86.1 | 87.7 | 88.3 | 88.4 | 88.6 | 88.9 | 89.1 | 89.7 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 800 | 83.1 | 85.8 | 86.1 | 87.7 | 88.3 | 88.4 | 88.6 | 88.9 | 89.1 | 89.7 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 700 | 83.3 | 86.7 | 87.2 | 88.8 | 89.7 | 89.8 | 90.1 | 90.4 | 90.6 | 91.2 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 600 | 83.3 | 87.1 | 87.7 | 89.5 | 90.4 | 90.5 | 90.9 | 91.2 | 91.4 | 91.9 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 500 | 83.5 | 87.5 | 88.5 | 90.5 | 91.5 | 91.6 | 92.2 | 92.6 | 92.8 | 93.3 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 400 | 83.5 | 87.7 | 88.9 | 91.0 | 92.0 | 92.2 | 92.8 | 93.3 | 93.5 | 94.1 | 94.9 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 300 | 83.7 | 87.8 | 89.1 | 91.3 | 92.5 | 92.6 | 93.2 | 93.9 | 94.1 | 94.6 | 95.8 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 200 | 83.7 | 87.8 | 89.1 | 91.4 | 92.9 | 93.0 | 93.7 | 94.3 | 94.5 | 95.1 | 96.2 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 100 | 83.7 | 87.8 | 89.1 | 91.4 | 92.9 | 93.0 | 93.8 | 94.4 | 94.6 | 95.2 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 0 | 83.7 | 87.8 | 89.1 | 91.4 | 92.9 | 93.0 | 93.8 | 94.4 | 94.6 | 95.2 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC

FORM 1-64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PREPARED BY DIVISION
USAF ETAC
AIR MATER SERVICE/AF

CEILING VERSUS VISIBILITY

252.6 10000-14000

57-66

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 |
| ≥ 20000 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 |
| ≥ 18000 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 |
| ≥ 16000 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 |
| ≥ 14000 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 |
| ≥ 12000 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 |
| ≥ 10000 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 |
| ≥ 9000 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 |
| ≥ 8000 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| ≥ 7000 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| ≥ 6000 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| ≥ 5000 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| ≥ 4500 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 4000 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| ≥ 3500 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 3000 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 2500 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 2000 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 1800 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 1500 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 1200 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 1000 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 900 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 800 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 700 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 600 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 500 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 400 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 300 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 200 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 100 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 0 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |

TOTAL NUMBER OF OBSERVATIONS

34

USAF ETAC FORM 0-145 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR CRAFT SERVICE/AC

CEILING VERSUS VISIBILITY

25210 OFFICE OF THE CHIEF OF STAFF
AIR CRAFT SERVICE/AC

57-66

YEAR

1957

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1950-1956

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|------|-------|------|-------|-------|------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .15 | ≥ .1 | ≥ .05 | ≥ .01 |
| NO CEILING | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| ≥ 20000 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| ≥ 18000 | 5.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| ≥ 16000 | 6.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| ≥ 14000 | 7.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 |
| ≥ 12000 | 8.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 |
| ≥ 10000 | 9.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 |
| ≥ 9000 | 10.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| ≥ 8000 | 11.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| ≥ 7000 | 12.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 |
| ≥ 6000 | 13.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 |
| ≥ 5000 | 14.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 |
| ≥ 4500 | 15.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 |
| ≥ 4000 | 16.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 |
| ≥ 3500 | 17.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 |
| ≥ 3000 | 18.0 | 17.0 | 17.0 | 17.0 | 17.0 | 17.0 | 17.0 | 17.0 | 17.0 | 17.0 | 17.0 | 17.0 | 17.0 | 17.0 | 17.0 | 17.0 |
| ≥ 2500 | 19.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 |
| ≥ 2000 | 20.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 |
| ≥ 1800 | 21.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 |
| ≥ 1500 | 22.0 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 |
| ≥ 1200 | 23.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 | 22.0 |
| ≥ 1000 | 24.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 |
| ≥ 900 | 25.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 |
| ≥ 800 | 26.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 |
| ≥ 700 | 27.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 |
| ≥ 600 | 28.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 |
| ≥ 500 | 29.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 |
| ≥ 400 | 30.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 |
| ≥ 300 | 31.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 |
| ≥ 200 | 32.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 |
| ≥ 100 | 33.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 |
| ≥ 50 | 34.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 |
| ≥ 20 | 35.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 |
| ≥ 10 | 36.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 |
| ≥ 5 | 37.0 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 |
| ≥ 2 | 38.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 |
| ≥ 1 | 39.0 | 38.0 | 38.0 | 38.0 | 38.0 | 38.0 | 38.0 | 38.0 | 38.0 | 38.0 | 38.0 | 38.0 | 38.0 | 38.0 | 38.0 | 38.0 |
| ≥ .5 | 40.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 |
| ≥ .25 | 41.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 |
| ≥ .15 | 42.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 |
| ≥ .1 | 43.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 |
| ≥ .05 | 44.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 |
| ≥ .01 | 45.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14-5 (OL 1) PREPARED BY: [illegible]

22

27-15

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

| CEILING FEET | | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|-------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 2.0 | 2.6 | 2.5 | 2.4 | 2.3 | 2.2 | 2.1 | 2.0 | 1.9 | 1.8 | 1.7 | 1.6 | 1.5 | 1.4 | 1.3 | 1.2 |
| N | 20000 | 4.3 | 34.5 | 34.6 | 34.7 | 34.8 | 34.9 | 35.0 | 35.1 | 35.2 | 35.3 | 35.4 | 35.5 | 35.6 | 35.7 | 35.8 | 35.9 |
| N | 18000 | 3.1 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 |
| N | 16000 | 2.7 | 21.7 | 21.8 | 21.9 | 22.0 | 22.1 | 22.2 | 22.3 | 22.4 | 22.5 | 22.6 | 22.7 | 22.8 | 22.9 | 23.0 | 23.1 |
| N | 14000 | 2.3 | 19.3 | 19.4 | 19.5 | 19.6 | 19.7 | 19.8 | 19.9 | 20.0 | 20.1 | 20.2 | 20.3 | 20.4 | 20.5 | 20.6 | 20.7 |
| N | 12000 | 1.9 | 17.3 | 17.4 | 17.5 | 17.6 | 17.7 | 17.8 | 17.9 | 18.0 | 18.1 | 18.2 | 18.3 | 18.4 | 18.5 | 18.6 | 18.7 |
| N | 10000 | 1.5 | 15.3 | 15.4 | 15.5 | 15.6 | 15.7 | 15.8 | 15.9 | 16.0 | 16.1 | 16.2 | 16.3 | 16.4 | 16.5 | 16.6 | 16.7 |
| N | 9000 | 1.4 | 14.3 | 14.4 | 14.5 | 14.6 | 14.7 | 14.8 | 14.9 | 15.0 | 15.1 | 15.2 | 15.3 | 15.4 | 15.5 | 15.6 | 15.7 |
| N | 8000 | 1.3 | 13.3 | 13.4 | 13.5 | 13.6 | 13.7 | 13.8 | 13.9 | 14.0 | 14.1 | 14.2 | 14.3 | 14.4 | 14.5 | 14.6 | 14.7 |
| N | 7000 | 1.2 | 12.3 | 12.4 | 12.5 | 12.6 | 12.7 | 12.8 | 12.9 | 13.0 | 13.1 | 13.2 | 13.3 | 13.4 | 13.5 | 13.6 | 13.7 |
| N | 6000 | 1.1 | 11.3 | 11.4 | 11.5 | 11.6 | 11.7 | 11.8 | 11.9 | 12.0 | 12.1 | 12.2 | 12.3 | 12.4 | 12.5 | 12.6 | 12.7 |
| N | 5000 | 1.0 | 10.3 | 10.4 | 10.5 | 10.6 | 10.7 | 10.8 | 10.9 | 11.0 | 11.1 | 11.2 | 11.3 | 11.4 | 11.5 | 11.6 | 11.7 |
| N | 4500 | 0.9 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 | 10.1 | 10.2 | 10.3 | 10.4 | 10.5 | 10.6 | 10.7 |
| N | 4000 | 0.8 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 |
| N | 3500 | 0.7 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 |
| N | 3000 | 0.6 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 |
| N | 2500 | 0.5 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 |
| N | 2000 | 0.4 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 |
| N | 1800 | 0.3 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 |
| N | 1500 | 0.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 |
| N | 1200 | 0.1 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 |
| N | 1000 | 0.0 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 |
| N | 900 | 0.0 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 |
| N | 800 | 0.0 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 |
| N | 700 | 0.0 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 |
| N | 600 | 0.0 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 |
| N | 500 | 0.0 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 |
| N | 400 | 0.0 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 |
| N | 300 | 0.0 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 |
| N | 200 | 0.0 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 |
| N | 100 | 0.0 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 |
| N | 0 | 0.0 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-145,001

DATA FROM EASTON FIELD
USAF ETAC
AIR WEATHER SERVICE

CEILING VERSUS VISIBILITY

STATION: EASTON FIELD, MD

27-68

YEAR

21

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21-2300

| CEILING FEET | VISIBILITY: STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING | 7.3 | 17.7 | 16.1 | 14.1 | 13.3 | 12.3 | 11.3 | 10.3 | 9.3 | 8.3 | 7.3 | 6.3 | 5.3 | 4.3 | 3.3 | 2.3 |
| ≥ 20000 | 43.6 | 41.2 | 41.2 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 |
| ≥ 18000 | 41.6 | 41.1 | 41.4 | 41.5 | 41.7 | 41.7 | 42.0 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 16000 | 41.2 | 41.3 | 42.3 | 42.4 | 42.5 | 42.5 | 42.5 | 43.0 | 43.0 | 43.1 | 43.3 | 43.4 | 43.4 | 43.5 | 43.5 | 43.5 |
| ≥ 14000 | 43.2 | 43.7 | 44.1 | 44.1 | 44.3 | 44.3 | 44.5 | 44.7 | 44.7 | 44.8 | 45.1 | 45.1 | 45.2 | 45.3 | 45.3 | 45.7 |
| ≥ 12000 | 45.0 | 46.3 | 46.3 | 46.2 | 46.7 | 46.7 | 47.0 | 47.1 | 47.1 | 47.2 | 47.4 | 47.4 | 47.5 | 47.5 | 47.5 | 47.5 |
| ≥ 10000 | 42.3 | 42.4 | 43.1 | 43.2 | 43.4 | 43.4 | 43.5 | 43.5 | 43.9 | 44.2 | 44.2 | 44.2 | 44.3 | 44.4 | 44.4 | 44.4 |
| IV 9000 | 45.3 | 45.4 | 46.1 | 46.2 | 46.5 | 46.5 | 46.5 | 46.5 | 46.9 | 47.0 | 47.0 | 47.0 | 47.3 | 47.4 | 47.4 | 47.4 |
| ≥ 8000 | 41.6 | 41.2 | 41.7 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.9 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| ≥ 7000 | 41.6 | 41.1 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.9 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| ≥ 6000 | 41.6 | 41.2 | 41.7 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.9 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| ≥ 5000 | 41.6 | 41.2 | 41.7 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.9 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| IV 4500 | 41.6 | 41.2 | 41.7 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.9 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| IV 4000 | 41.6 | 41.2 | 41.7 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.9 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| ≥ 3500 | 41.6 | 41.2 | 41.7 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.9 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| ≥ 3000 | 41.6 | 41.2 | 41.7 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.9 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| ≥ 2500 | 41.6 | 41.2 | 41.7 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.9 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| ≥ 2000 | 41.6 | 41.2 | 41.7 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.9 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| ≥ 1800 | 41.6 | 41.2 | 41.7 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.9 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| ≥ 1500 | 41.6 | 41.2 | 41.7 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.9 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| ≥ 1200 | 41.6 | 41.2 | 41.7 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.9 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| ≥ 1000 | 41.6 | 41.2 | 41.7 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.9 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| ≥ 900 | 41.6 | 41.2 | 41.7 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.9 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| ≥ 800 | 41.6 | 41.2 | 41.7 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.9 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| ≥ 700 | 41.6 | 41.2 | 41.7 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.9 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| ≥ 600 | 41.6 | 41.2 | 41.7 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.9 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| ≥ 500 | 41.6 | 41.2 | 41.7 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.9 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| ≥ 400 | 41.6 | 41.2 | 41.7 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.9 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| ≥ 300 | 41.6 | 41.2 | 41.7 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.9 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| ≥ 200 | 41.6 | 41.2 | 41.7 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.9 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| ≥ 100 | 41.6 | 41.2 | 41.7 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.9 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| ≥ 0 | 41.6 | 41.2 | 41.7 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.9 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14-5 (OL) 1-1-68

DATA SOURCE: JMWAVE
 USAF ETAC
 AIRCRAFT: SE VIGILANCE

CEILING VERSUS VISIBILITY

DATE: 01-15-01

57-69

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CODE: 0100

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING | 0.0 | 1.3 | 10.4 | 30.1 | 30.1 | 30.1 | 30.1 | 30.1 | 30.1 | 30.1 | 30.1 | 30.1 | 30.1 | 30.1 | 30.1 | 30.1 |
| ≥ 20000 | 1.9 | 11.1 | 31.9 | 31.9 | 32.2 | 32.2 | 32.2 | 32.2 | 32.2 | 32.2 | 32.2 | 32.2 | 32.2 | 32.2 | 32.2 | 32.2 |
| ≥ 18000 | 11.7 | 32.0 | 32.1 | 32.4 | 32.4 | 32.4 | 32.4 | 32.4 | 32.4 | 32.4 | 32.4 | 32.4 | 32.4 | 32.4 | 32.4 | 32.4 |
| ≥ 16000 | 12.1 | 32.4 | 32.0 | 32.4 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 |
| ≥ 14000 | 13.2 | 33.5 | 33.7 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 |
| ≥ 12000 | 14.6 | 34.9 | 35.1 | 35.3 | 35.3 | 35.3 | 35.3 | 35.3 | 35.3 | 35.3 | 35.3 | 35.3 | 35.3 | 35.3 | 35.3 | 35.3 |
| ≥ 10000 | 19.1 | 37.4 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 | 37.9 |
| ≥ 9000 | 11.6 | 41.9 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 | 42.3 |
| ≥ 8000 | 14.6 | 44.4 | 44.5 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 7000 | 19.4 | 49.9 | 50.0 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 |
| ≥ 6000 | 11.7 | 72.2 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 5000 | 6.1 | 55.9 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 |
| ≥ 4500 | 15.1 | 55.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 |
| ≥ 4000 | 15.4 | 62.5 | 62.2 | 63.4 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| ≥ 3500 | 15.7 | 65.2 | 65.3 | 66.0 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| ≥ 3000 | 16.2 | 66.1 | 66.5 | 66.5 | 69.1 | 70.0 | 70.2 | 70.5 | 70.7 | 71.4 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| ≥ 2500 | 17.3 | 69.4 | 71.1 | 70.9 | 71.4 | 71.9 | 72.6 | 73.1 | 73.1 | 73.3 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| ≥ 2000 | 18.1 | 71.4 | 73.4 | 74.4 | 75.2 | 75.9 | 76.8 | 77.6 | 77.7 | 77.9 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 1800 | 11.1 | 74.7 | 75.3 | 75.3 | 77.2 | 77.9 | 79.0 | 79.0 | 80.2 | 80.9 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 1500 | 12.2 | 75.7 | 76.9 | 77.2 | 79.3 | 80.1 | 81.1 | 81.1 | 83.4 | 84.7 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 1200 | 12.9 | 75.3 | 76.2 | 76.8 | 80.4 | 81.7 | 83.4 | 84.3 | 85.7 | 87.4 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 1000 | 13.2 | 77.2 | 77.4 | 80.3 | 81.7 | 82.4 | 84.3 | 85.7 | 86.6 | 88.1 | 89.3 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 900 | 13.3 | 77.7 | 78.2 | 80.3 | 82.2 | 83.1 | 84.2 | 86.4 | 87.3 | 90.2 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 800 | 13.7 | 78.2 | 79.1 | 81.4 | 83.3 | 83.8 | 85.1 | 87.0 | 88.1 | 91.2 | 92.2 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 700 | 13.9 | 78.4 | 80.3 | 81.9 | 83.3 | 84.1 | 86.7 | 87.6 | 88.4 | 91.6 | 92.7 | 93.1 | 93.4 | 93.6 | 94.0 | 94.1 |
| ≥ 600 | 14.7 | 78.9 | 80.4 | 82.1 | 83.9 | 84.7 | 86.0 | 88.1 | 89.0 | 92.2 | 93.3 | 93.1 | 94.3 | 94.4 | 95.1 | 95.1 |
| ≥ 500 | 14.9 | 79.3 | 81.6 | 82.6 | 84.2 | 85.3 | 86.9 | 88.4 | 89.3 | 92.6 | 93.7 | 94.1 | 94.7 | 94.8 | 95.4 | 95.4 |
| ≥ 400 | 14.3 | 79.1 | 81.7 | 82.7 | 84.4 | 85.2 | 87.1 | 88.7 | 89.6 | 92.8 | 93.9 | 94.3 | 94.9 | 95.1 | 95.7 | 96.3 |
| ≥ 300 | 14.3 | 79.7 | 81.8 | 82.6 | 84.7 | 85.4 | 87.3 | 88.9 | 89.8 | 93.2 | 94.3 | 94.8 | 95.4 | 95.6 | 96.3 | 97.0 |
| ≥ 200 | 14.3 | 79.2 | 81.9 | 82.9 | 84.8 | 85.9 | 87.4 | 89.1 | 89.9 | 93.4 | 94.7 | 95.4 | 96.1 | 96.3 | 97.1 | 98.0 |
| ≥ 100 | 14.3 | 79.2 | 81.9 | 82.9 | 84.8 | 85.9 | 87.4 | 89.1 | 89.9 | 93.4 | 94.7 | 95.4 | 96.1 | 96.3 | 97.1 | 98.0 |
| 0 | 14.3 | 79.2 | 81.9 | 82.9 | 84.8 | 85.9 | 87.4 | 89.1 | 89.9 | 93.4 | 94.7 | 95.4 | 96.1 | 96.3 | 97.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC

0145 011

0911

AIR FORCE 155000 100000
USAF ETAC
AIR FORCE 155000 100000

CEILING VERSUS VISIBILITY

0200 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 6500 7000 7500 8000 8500 9000 9500 10000

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

000000

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | | |
|-----------------|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|-------|
| | 20 | 16 | 12 | 10 | 8 | 6 | 4 | 3 | 2 | 1 | 1/2 | 1/4 | 1/8 | 1/16 | 1/32 | 1/64 | 1/128 |
| NO CEILING | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2 20000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2 18000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2 16000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2 14000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2 12000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2 10000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2 9000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2 8000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2 7000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2 6000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2 5000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2 4500 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2 4000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2 3500 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2 3000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2 2500 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2 2000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2 1800 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2 1500 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2 1200 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2 1000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2 900 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2 800 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2 700 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2 600 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2 500 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2 400 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2 300 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2 200 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2 100 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2 0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0 14 5 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1

DATA PROCESSING DIVISION
USAF ETAC
AIR CRAFT ENGINEERING

CEILING VERSUS VISIBILITY

25200 0-14-5 TOL 1

57-66

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0-14-5 TOL 1

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 20 | 20 | 25 | 24 | 23 | 22 | 22 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| NO CEILING | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| ≥ 20000 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| ≥ 18000 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| ≥ 16000 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| ≥ 14000 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| ≥ 12000 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| ≥ 10000 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| ≥ 8000 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| ≥ 7000 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| ≥ 6000 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| ≥ 5000 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| ≥ 4500 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| ≥ 4000 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| ≥ 3500 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| ≥ 3000 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| ≥ 2500 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| ≥ 2000 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| ≥ 1800 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| ≥ 1500 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| ≥ 1200 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| ≥ 1000 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| ≥ 900 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| ≥ 800 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| ≥ 700 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| ≥ 600 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| ≥ 500 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| ≥ 400 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| ≥ 300 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| ≥ 200 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| ≥ 100 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| ≥ 0 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14-5 TOL 1

DATA PRE-EDITION DIVISION
USAF ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

252-15 PRINCE GEORGE C-130T APT

57-65

12-14

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12-14

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|------|-------|--------|-------|--------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 | ≥0.005 |
| NO CEILING ≥ 20000 | 5.4 | 25.4 | 25.4 | 25.4 | 25.7 | 25.7 | 25.7 | 25.7 | 25.7 | 25.7 | 25.7 | 25.7 | 25.7 | 25.7 | 25.7 | 25.7 |
| IV 18000 | 1.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 |
| IV 16000 | 2.3 | 32.3 | 32.3 | 32.3 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 |
| IV 14000 | 3.4 | 33.4 | 33.4 | 33.4 | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 |
| IV 12000 | 4.4 | 34.4 | 34.4 | 34.4 | 34.7 | 34.7 | 34.7 | 34.7 | 34.7 | 34.7 | 34.7 | 34.7 | 34.7 | 34.7 | 34.7 | 34.7 |
| IV 10000 | 6.7 | 36.7 | 36.7 | 36.7 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 |
| IV 9000 | 6.7 | 36.7 | 36.7 | 36.7 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 |
| IV 8000 | 6.7 | 36.7 | 36.7 | 36.7 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 |
| IV 7000 | 6.7 | 36.7 | 36.7 | 36.7 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 |
| IV 6000 | 6.7 | 36.7 | 36.7 | 36.7 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 |
| IV 5000 | 6.7 | 36.7 | 36.7 | 36.7 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 |
| IV 4500 | 6.7 | 36.7 | 36.7 | 36.7 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 |
| IV 4000 | 6.7 | 36.7 | 36.7 | 36.7 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 |
| IV 3500 | 6.7 | 36.7 | 36.7 | 36.7 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 |
| IV 3000 | 6.7 | 36.7 | 36.7 | 36.7 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 |
| IV 2500 | 6.7 | 36.7 | 36.7 | 36.7 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 |
| IV 2000 | 6.7 | 36.7 | 36.7 | 36.7 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 |
| IV 1800 | 6.7 | 36.7 | 36.7 | 36.7 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 |
| IV 1500 | 6.7 | 36.7 | 36.7 | 36.7 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 |
| IV 1200 | 6.7 | 36.7 | 36.7 | 36.7 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 |
| IV 1000 | 6.7 | 36.7 | 36.7 | 36.7 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 |
| IV 900 | 6.7 | 36.7 | 36.7 | 36.7 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 |
| IV 800 | 6.7 | 36.7 | 36.7 | 36.7 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 |
| IV 700 | 6.7 | 36.7 | 36.7 | 36.7 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 |
| IV 600 | 6.7 | 36.7 | 36.7 | 36.7 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 |
| IV 500 | 6.7 | 36.7 | 36.7 | 36.7 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 |
| IV 400 | 6.7 | 36.7 | 36.7 | 36.7 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 |
| IV 300 | 6.7 | 36.7 | 36.7 | 36.7 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 |
| IV 200 | 6.7 | 36.7 | 36.7 | 36.7 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 |
| IV 100 | 6.7 | 36.7 | 36.7 | 36.7 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 |
| IV 0 | 6.7 | 36.7 | 36.7 | 36.7 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 |

TOTAL NUMBER OF OBSERVATIONS

700

USAF ETAC 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR CENTER, BENTLEY, MO

CEILING VERSUS VISIBILITY

202-1 OBSERVATION GROUP CUMULATIVE

57-66

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15-1-1960

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 | ≥ 1 |
| NO CEILING | 6.3 | 26.7 | 26.7 | 26.6 | 26.6 | 26.8 | 26.7 | 26.1 | 26.8 | 26.8 | 26.8 | 26.8 | 26.8 | 26.8 | 26.8 | 26.8 |
| ≥ 20000 | 31.1 | 31.4 | 31.4 | 31.4 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.7 |
| ≥ 18000 | 31.4 | 31.7 | 31.7 | 31.7 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 |
| ≥ 16000 | 32.0 | 32.4 | 32.4 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.7 |
| ≥ 14000 | 32.7 | 33.1 | 33.1 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.3 |
| ≥ 12000 | 33.6 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 |
| ≥ 10000 | 34.9 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 |
| ≥ 9000 | 35.4 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 |
| ≥ 8000 | 36.3 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 | 36.7 |
| ≥ 7000 | 37.1 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 6000 | 38.0 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 |
| ≥ 5000 | 39.0 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 |
| ≥ 4500 | 40.0 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 |
| ≥ 4000 | 41.0 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 | 41.4 |
| ≥ 3500 | 42.0 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 | 42.4 |
| ≥ 3000 | 43.0 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 |
| ≥ 2500 | 44.0 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 | 44.4 |
| ≥ 2000 | 45.0 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 |
| ≥ 1800 | 46.0 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 |
| ≥ 1500 | 47.0 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 |
| ≥ 1200 | 48.0 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 |
| ≥ 1000 | 49.0 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 |
| ≥ 900 | 50.0 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 |
| ≥ 800 | 51.0 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 |
| ≥ 700 | 52.0 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 |
| ≥ 600 | 53.0 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 |
| ≥ 500 | 54.0 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 |
| ≥ 400 | 55.0 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| ≥ 300 | 56.0 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 |
| ≥ 200 | 57.0 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| ≥ 100 | 58.0 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 |
| ≥ 0 | 59.0 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |

TOTAL NUMBER OF OBSERVATIONS

700

USAF ETAC

FORM 0-145-OL1

DATA PROCESSING DIVISION
USAF ETAC
AIR FORCE RESERVE NO

CEILING VERSUS VISIBILITY

252.6 AIRCRAFT GEORGE C. POST PT

97-66

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.4 | ≥1 | ≥.5 | ≥.4 | ≥.3 | ≥.25 | ≥.2 | ≥.1 |
| NO CEILING | 32.1 | 32.2 | 32.3 | 32.4 | 32.5 | 32.6 | 32.7 | 32.8 | 32.9 | 33.0 | 33.1 | 33.2 | 33.3 | 33.4 | 33.5 | 33.6 |
| ≥20000 | 34.1 | 34.2 | 34.3 | 34.4 | 34.5 | 34.6 | 34.7 | 34.8 | 34.9 | 35.0 | 35.1 | 35.2 | 35.3 | 35.4 | 35.5 | 35.6 |
| ≥18000 | 36.1 | 36.2 | 36.3 | 36.4 | 36.5 | 36.6 | 36.7 | 36.8 | 36.9 | 37.0 | 37.1 | 37.2 | 37.3 | 37.4 | 37.5 | 37.6 |
| ≥16000 | 38.1 | 38.2 | 38.3 | 38.4 | 38.5 | 38.6 | 38.7 | 38.8 | 38.9 | 39.0 | 39.1 | 39.2 | 39.3 | 39.4 | 39.5 | 39.6 |
| ≥14000 | 40.1 | 40.2 | 40.3 | 40.4 | 40.5 | 40.6 | 40.7 | 40.8 | 40.9 | 41.0 | 41.1 | 41.2 | 41.3 | 41.4 | 41.5 | 41.6 |
| ≥12000 | 42.1 | 42.2 | 42.3 | 42.4 | 42.5 | 42.6 | 42.7 | 42.8 | 42.9 | 43.0 | 43.1 | 43.2 | 43.3 | 43.4 | 43.5 | 43.6 |
| ≥10000 | 44.1 | 44.2 | 44.3 | 44.4 | 44.5 | 44.6 | 44.7 | 44.8 | 44.9 | 45.0 | 45.1 | 45.2 | 45.3 | 45.4 | 45.5 | 45.6 |
| ≥8000 | 46.1 | 46.2 | 46.3 | 46.4 | 46.5 | 46.6 | 46.7 | 46.8 | 46.9 | 47.0 | 47.1 | 47.2 | 47.3 | 47.4 | 47.5 | 47.6 |
| ≥7000 | 48.1 | 48.2 | 48.3 | 48.4 | 48.5 | 48.6 | 48.7 | 48.8 | 48.9 | 49.0 | 49.1 | 49.2 | 49.3 | 49.4 | 49.5 | 49.6 |
| ≥6000 | 50.1 | 50.2 | 50.3 | 50.4 | 50.5 | 50.6 | 50.7 | 50.8 | 50.9 | 51.0 | 51.1 | 51.2 | 51.3 | 51.4 | 51.5 | 51.6 |
| ≥5000 | 52.1 | 52.2 | 52.3 | 52.4 | 52.5 | 52.6 | 52.7 | 52.8 | 52.9 | 53.0 | 53.1 | 53.2 | 53.3 | 53.4 | 53.5 | 53.6 |
| ≥4500 | 54.1 | 54.2 | 54.3 | 54.4 | 54.5 | 54.6 | 54.7 | 54.8 | 54.9 | 55.0 | 55.1 | 55.2 | 55.3 | 55.4 | 55.5 | 55.6 |
| ≥4000 | 56.1 | 56.2 | 56.3 | 56.4 | 56.5 | 56.6 | 56.7 | 56.8 | 56.9 | 57.0 | 57.1 | 57.2 | 57.3 | 57.4 | 57.5 | 57.6 |
| ≥3500 | 58.1 | 58.2 | 58.3 | 58.4 | 58.5 | 58.6 | 58.7 | 58.8 | 58.9 | 59.0 | 59.1 | 59.2 | 59.3 | 59.4 | 59.5 | 59.6 |
| ≥3000 | 60.1 | 60.2 | 60.3 | 60.4 | 60.5 | 60.6 | 60.7 | 60.8 | 60.9 | 61.0 | 61.1 | 61.2 | 61.3 | 61.4 | 61.5 | 61.6 |
| ≥2500 | 62.1 | 62.2 | 62.3 | 62.4 | 62.5 | 62.6 | 62.7 | 62.8 | 62.9 | 63.0 | 63.1 | 63.2 | 63.3 | 63.4 | 63.5 | 63.6 |
| ≥2000 | 64.1 | 64.2 | 64.3 | 64.4 | 64.5 | 64.6 | 64.7 | 64.8 | 64.9 | 65.0 | 65.1 | 65.2 | 65.3 | 65.4 | 65.5 | 65.6 |
| ≥1800 | 66.1 | 66.2 | 66.3 | 66.4 | 66.5 | 66.6 | 66.7 | 66.8 | 66.9 | 67.0 | 67.1 | 67.2 | 67.3 | 67.4 | 67.5 | 67.6 |
| ≥1500 | 68.1 | 68.2 | 68.3 | 68.4 | 68.5 | 68.6 | 68.7 | 68.8 | 68.9 | 69.0 | 69.1 | 69.2 | 69.3 | 69.4 | 69.5 | 69.6 |
| ≥1200 | 70.1 | 70.2 | 70.3 | 70.4 | 70.5 | 70.6 | 70.7 | 70.8 | 70.9 | 71.0 | 71.1 | 71.2 | 71.3 | 71.4 | 71.5 | 71.6 |
| ≥1000 | 72.1 | 72.2 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.1 | 73.2 | 73.3 | 73.4 | 73.5 | 73.6 |
| ≥900 | 74.1 | 74.2 | 74.3 | 74.4 | 74.5 | 74.6 | 74.7 | 74.8 | 74.9 | 75.0 | 75.1 | 75.2 | 75.3 | 75.4 | 75.5 | 75.6 |
| ≥800 | 76.1 | 76.2 | 76.3 | 76.4 | 76.5 | 76.6 | 76.7 | 76.8 | 76.9 | 77.0 | 77.1 | 77.2 | 77.3 | 77.4 | 77.5 | 77.6 |
| ≥700 | 78.1 | 78.2 | 78.3 | 78.4 | 78.5 | 78.6 | 78.7 | 78.8 | 78.9 | 79.0 | 79.1 | 79.2 | 79.3 | 79.4 | 79.5 | 79.6 |
| ≥600 | 80.1 | 80.2 | 80.3 | 80.4 | 80.5 | 80.6 | 80.7 | 80.8 | 80.9 | 81.0 | 81.1 | 81.2 | 81.3 | 81.4 | 81.5 | 81.6 |
| ≥500 | 82.1 | 82.2 | 82.3 | 82.4 | 82.5 | 82.6 | 82.7 | 82.8 | 82.9 | 83.0 | 83.1 | 83.2 | 83.3 | 83.4 | 83.5 | 83.6 |
| ≥400 | 84.1 | 84.2 | 84.3 | 84.4 | 84.5 | 84.6 | 84.7 | 84.8 | 84.9 | 85.0 | 85.1 | 85.2 | 85.3 | 85.4 | 85.5 | 85.6 |
| ≥300 | 86.1 | 86.2 | 86.3 | 86.4 | 86.5 | 86.6 | 86.7 | 86.8 | 86.9 | 87.0 | 87.1 | 87.2 | 87.3 | 87.4 | 87.5 | 87.6 |
| ≥200 | 88.1 | 88.2 | 88.3 | 88.4 | 88.5 | 88.6 | 88.7 | 88.8 | 88.9 | 89.0 | 89.1 | 89.2 | 89.3 | 89.4 | 89.5 | 89.6 |
| ≥100 | 90.1 | 90.2 | 90.3 | 90.4 | 90.5 | 90.6 | 90.7 | 90.8 | 90.9 | 91.0 | 91.1 | 91.2 | 91.3 | 91.4 | 91.5 | 91.6 |
| ≥0 | 92.1 | 92.2 | 92.3 | 92.4 | 92.5 | 92.6 | 92.7 | 92.8 | 92.9 | 93.0 | 93.1 | 93.2 | 93.3 | 93.4 | 93.5 | 93.6 |

TOTAL NUMBER OF OBSERVATIONS

200

USAF ETAC FORM 0-14.5 (OL 1) 1-1-77

DATA PROCESSING DIVISION
USAF ETAC
AIR EATING SERVICE/AC

CEILING VERSUS VISIBILITY

252.16 PRINCE GEORGE C INT PT

57-66

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0700

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1.2 | ≥1 | ≥.75 | ≥.5 | ≥.25 | ≥.16 | ≥.1 | ≥0 |
| NO CEILING | 7.8 | 25.2 | 28.3 | 28.4 | 28.7 | 28.7 | 28.7 | 28.7 | 28.7 | 29.0 | 29.2 | 29.4 | 29.6 | 29.6 | 29.6 | 29.7 |
| ≥ 20000 | 30.5 | 30.9 | 31.0 | 31.1 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.7 | 31.7 | 32.0 | 32.3 | 32.3 | 32.3 | 32.4 |
| ≥ 18000 | 31.4 | 31.7 | 31.8 | 31.9 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.7 |
| ≥ 16000 | 32.6 | 32.8 | 33.0 | 33.1 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.8 | 34.0 | 34.1 | 34.3 | 34.3 | 34.3 | 34.4 |
| ≥ 14000 | 33.5 | 33.8 | 34.0 | 34.1 | 34.4 | 34.4 | 34.4 | 34.4 | 34.4 | 34.8 | 35.0 | 35.1 | 35.3 | 35.3 | 35.3 | 35.4 |
| ≥ 12000 | 34.4 | 34.7 | 34.9 | 35.0 | 35.3 | 35.3 | 35.3 | 35.3 | 35.3 | 35.7 | 35.9 | 36.0 | 36.2 | 36.2 | 36.2 | 36.3 |
| ≥ 10000 | 35.3 | 35.6 | 35.8 | 35.9 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.6 | 36.8 | 36.9 | 37.1 | 37.1 | 37.1 | 37.2 |
| ≥ 9000 | 36.2 | 36.5 | 36.7 | 36.8 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.5 | 37.7 | 37.8 | 38.0 | 38.0 | 38.0 | 38.1 |
| ≥ 8000 | 37.1 | 37.4 | 37.6 | 37.7 | 38.0 | 38.0 | 38.0 | 38.0 | 38.0 | 38.4 | 38.6 | 38.7 | 38.9 | 38.9 | 38.9 | 39.0 |
| ≥ 7000 | 38.0 | 38.3 | 38.5 | 38.6 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 39.3 | 39.5 | 39.6 | 39.8 | 39.8 | 39.8 | 39.9 |
| ≥ 6000 | 38.9 | 39.2 | 39.4 | 39.5 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 40.2 | 40.4 | 40.5 | 40.7 | 40.7 | 40.7 | 40.8 |
| ≥ 5000 | 39.8 | 40.1 | 40.3 | 40.4 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 41.1 | 41.3 | 41.4 | 41.6 | 41.6 | 41.6 | 41.7 |
| ≥ 4500 | 40.7 | 41.0 | 41.2 | 41.3 | 41.6 | 41.6 | 41.6 | 41.6 | 41.6 | 42.0 | 42.2 | 42.3 | 42.5 | 42.5 | 42.5 | 42.6 |
| ≥ 4000 | 41.6 | 41.9 | 42.1 | 42.2 | 42.5 | 42.5 | 42.5 | 42.5 | 42.5 | 42.9 | 43.1 | 43.2 | 43.4 | 43.4 | 43.4 | 43.5 |
| ≥ 3500 | 42.5 | 42.8 | 43.0 | 43.1 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.8 | 44.0 | 44.1 | 44.3 | 44.3 | 44.3 | 44.4 |
| ≥ 3000 | 43.4 | 43.7 | 43.9 | 44.0 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.7 | 44.9 | 45.0 | 45.2 | 45.2 | 45.2 | 45.3 |
| ≥ 2500 | 44.3 | 44.6 | 44.8 | 44.9 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.6 | 45.8 | 45.9 | 46.1 | 46.1 | 46.1 | 46.2 |
| ≥ 2000 | 45.2 | 45.5 | 45.7 | 45.8 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.5 | 46.7 | 46.8 | 47.0 | 47.0 | 47.0 | 47.1 |
| ≥ 1800 | 46.1 | 46.4 | 46.6 | 46.7 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.4 | 47.6 | 47.7 | 47.9 | 47.9 | 47.9 | 48.0 |
| ≥ 1500 | 47.0 | 47.3 | 47.5 | 47.6 | 47.9 | 47.9 | 47.9 | 47.9 | 47.9 | 48.3 | 48.5 | 48.6 | 48.8 | 48.8 | 48.8 | 48.9 |
| ≥ 1200 | 47.9 | 48.2 | 48.4 | 48.5 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 49.2 | 49.4 | 49.5 | 49.7 | 49.7 | 49.7 | 49.8 |
| ≥ 1000 | 48.8 | 49.1 | 49.3 | 49.4 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 50.1 | 50.3 | 50.4 | 50.6 | 50.6 | 50.6 | 50.7 |
| ≥ 900 | 49.7 | 50.0 | 50.2 | 50.3 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 51.0 | 51.2 | 51.3 | 51.5 | 51.5 | 51.5 | 51.6 |
| ≥ 800 | 50.6 | 50.9 | 51.1 | 51.2 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.9 | 52.1 | 52.2 | 52.4 | 52.4 | 52.4 | 52.5 |
| ≥ 700 | 51.5 | 51.8 | 52.0 | 52.1 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.8 | 53.0 | 53.1 | 53.3 | 53.3 | 53.3 | 53.4 |
| ≥ 600 | 52.4 | 52.7 | 52.9 | 53.0 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.7 | 53.9 | 54.0 | 54.2 | 54.2 | 54.2 | 54.3 |
| ≥ 500 | 53.3 | 53.6 | 53.8 | 53.9 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.6 | 54.8 | 54.9 | 55.1 | 55.1 | 55.1 | 55.2 |
| ≥ 400 | 54.2 | 54.5 | 54.7 | 54.8 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.5 | 55.7 | 55.8 | 56.0 | 56.0 | 56.0 | 56.1 |
| ≥ 300 | 55.1 | 55.4 | 55.6 | 55.7 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.4 | 56.6 | 56.7 | 56.9 | 56.9 | 56.9 | 57.0 |
| ≥ 200 | 56.0 | 56.3 | 56.5 | 56.6 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 57.3 | 57.5 | 57.6 | 57.8 | 57.8 | 57.8 | 57.9 |
| ≥ 100 | 56.9 | 57.2 | 57.4 | 57.5 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 58.2 | 58.4 | 58.5 | 58.7 | 58.7 | 58.7 | 58.8 |
| ≥ 0 | 57.8 | 58.1 | 58.3 | 58.4 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 59.1 | 59.3 | 59.4 | 59.6 | 59.6 | 59.6 | 59.7 |

TOTAL NUMBER OF OBSERVATIONS

73

USAF ETAC 0-14-5 (OL 1) PREPARED BY: [REDACTED] DATE: [REDACTED]

DATA PROCESSING DIVISION
USAF ETAC
411 EAST EX SERVICE AV

CEILING VERSUS VISIBILITY

252-1 1-11-66 GEORGE W. C. L. LPT
STATION NAME

57-66

YEAR

1-11-66

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0700

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|------|------|---------|---------|------|-------|-------|-------|-------|--------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 1/2 | ≥ 1 1/4 | ≥ 1 | ≥ 3/4 | ≥ 1/2 | ≥ 1/4 | ≥ 1/8 | ≥ 1/16 | ≥ 0 |
| NO CEILING | 6.6 | 25.2 | 26.9 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 |
| ≥ 20000 | 28.4 | 28.6 | 28.7 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 |
| ≥ 18000 | 20.7 | 28.9 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 |
| ≥ 16000 | 9.5 | 29.7 | 29.5 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 |
| ≥ 14000 | 31.9 | 31.1 | 31.2 | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 |
| ≥ 12000 | 32.2 | 31.3 | 31.1 | 31.2 | 31.2 | 31.2 | 31.2 | 31.2 | 31.2 | 31.2 | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 |
| ≥ 10000 | 38.8 | 39.0 | 39.1 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 |
| ≥ 9000 | 52.4 | 43.1 | 43.2 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 |
| ≥ 8000 | 45.0 | 46.0 | 46.1 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 |
| ≥ 7000 | 51.5 | 52.2 | 52.3 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 |
| ≥ 6000 | 54.9 | 55.8 | 55.9 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| ≥ 5000 | 58.4 | 59.7 | 59.8 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| ≥ 4500 | 59.9 | 61.2 | 61.3 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 |
| ≥ 4000 | 63.5 | 65.4 | 65.8 | 66.1 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| ≥ 3500 | 65.9 | 68.2 | 68.7 | 69.4 | 70.0 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| ≥ 3000 | 67.7 | 70.5 | 71.5 | 72.6 | 73.3 | 73.4 | 73.7 | 73.7 | 73.7 | 73.7 | 73.8 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 2500 | 69.2 | 73.3 | 74.3 | 75.7 | 77.1 | 77.4 | 77.6 | 77.6 | 77.6 | 77.6 | 77.8 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| ≥ 2000 | 70.9 | 75.6 | 76.8 | 78.5 | 79.9 | 80.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.7 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 1800 | 71.2 | 76.9 | 77.3 | 78.9 | 80.5 | 81.0 | 82.3 | 82.3 | 82.3 | 82.3 | 82.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 1500 | 72.2 | 77.0 | 78.5 | 80.4 | 82.4 | 82.6 | 84.4 | 84.4 | 84.4 | 84.4 | 85.2 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 1200 | 72.9 | 78.2 | 79.9 | 82.0 | 84.0 | 84.4 | 86.0 | 86.0 | 86.0 | 86.0 | 87.1 | 88.6 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 1000 | 73.7 | 79.0 | 80.8 | 83.1 | 85.1 | 85.5 | 87.1 | 87.1 | 87.1 | 87.1 | 88.3 | 89.9 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 900 | 74.8 | 80.4 | 82.3 | 84.8 | 86.8 | 87.2 | 88.8 | 88.8 | 88.8 | 88.8 | 89.6 | 90.0 | 91.6 | 92.3 | 92.3 | 92.3 |
| ≥ 800 | 75.3 | 80.9 | 82.7 | 85.3 | 87.2 | 87.6 | 89.2 | 89.2 | 89.2 | 89.2 | 90.0 | 90.4 | 92.0 | 92.8 | 92.8 | 92.8 |
| ≥ 700 | 75.7 | 81.5 | 83.3 | 85.9 | 87.8 | 88.3 | 90.0 | 90.0 | 90.0 | 90.0 | 91.2 | 92.8 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 600 | 75.7 | 81.7 | 83.5 | 86.1 | 88.1 | 88.5 | 90.2 | 90.2 | 90.2 | 90.2 | 91.4 | 93.0 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 500 | 75.8 | 81.8 | 83.8 | 86.5 | 88.5 | 88.9 | 90.6 | 90.6 | 90.6 | 90.6 | 91.8 | 93.4 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 400 | 76.2 | 82.3 | 84.3 | 87.2 | 89.3 | 89.9 | 91.6 | 91.6 | 91.6 | 91.6 | 92.4 | 94.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 300 | 76.3 | 82.7 | 84.9 | 87.7 | 90.0 | 90.5 | 92.4 | 92.4 | 92.4 | 92.4 | 93.1 | 95.3 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 200 | 76.7 | 83.0 | 85.5 | 88.5 | 90.6 | 91.4 | 93.3 | 93.3 | 93.3 | 93.3 | 94.2 | 96.5 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 100 | 76.7 | 83.1 | 86.0 | 89.1 | 91.4 | 92.0 | 94.1 | 94.1 | 94.1 | 94.1 | 95.2 | 97.7 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 0 | 76.7 | 83.1 | 86.0 | 89.1 | 91.4 | 92.0 | 94.1 | 94.1 | 94.1 | 94.1 | 95.2 | 97.7 | 98.5 | 98.5 | 98.5 | 98.5 |

TOTAL NUMBER OF OBSERVATIONS

936

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS ARE OBSOLETE

66

CEILING VERSUS VISIBILITY

09706 48104 GF-36L C JBT JBT

57-45

• 10

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

NY 100-1100

| CEILING, FEET | VISIBILITY—STATUTE MILES | | | | | | | | | | | | | | | | |
|-----------------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1½ | ≥1½ | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥0 |
| NO CEILING ≥ 20000 | 24.8 | 24.8 | 24.8 | 25.1 | 25.1 | 25.1 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.3 | 25.3 | 25.4 | 25.5 | 25.7 | 25.7 |
| ≥ 18000 | 24.9 | 24.9 | 24.9 | 25.2 | 25.2 | 25.2 | 25.4 | 25.4 | 25.4 | 25.4 | 25.5 | 25.5 | 25.6 | 25.7 | 25.8 | 26.0 | 26.0 |
| ≥ 16000 | 25.0 | 25.0 | 25.0 | 25.3 | 25.3 | 25.3 | 25.6 | 25.6 | 25.6 | 25.6 | 25.7 | 25.7 | 25.8 | 25.9 | 26.1 | 26.3 | 26.3 |
| ≥ 14000 | 25.1 | 25.1 | 25.1 | 25.4 | 25.4 | 25.4 | 25.7 | 25.7 | 25.7 | 25.7 | 25.8 | 25.8 | 25.9 | 26.0 | 26.2 | 26.4 | 26.4 |
| ≥ 12000 | 25.2 | 25.2 | 25.2 | 25.5 | 25.5 | 25.5 | 25.8 | 25.8 | 25.8 | 25.8 | 25.9 | 25.9 | 26.0 | 26.1 | 26.3 | 26.5 | 26.5 |
| ≥ 10000 | 25.3 | 25.3 | 25.3 | 25.6 | 25.6 | 25.6 | 25.9 | 25.9 | 25.9 | 25.9 | 26.0 | 26.0 | 26.1 | 26.2 | 26.4 | 26.6 | 26.6 |
| ≥ 9000 | 25.4 | 25.4 | 25.4 | 25.7 | 25.7 | 25.7 | 26.0 | 26.0 | 26.0 | 26.0 | 26.1 | 26.1 | 26.2 | 26.3 | 26.5 | 26.7 | 26.7 |
| ≥ 8000 | 25.5 | 25.5 | 25.5 | 25.8 | 25.8 | 25.8 | 26.1 | 26.1 | 26.1 | 26.1 | 26.2 | 26.2 | 26.3 | 26.4 | 26.6 | 26.8 | 26.8 |
| ≥ 7000 | 25.6 | 25.6 | 25.6 | 25.9 | 25.9 | 25.9 | 26.2 | 26.2 | 26.2 | 26.2 | 26.3 | 26.3 | 26.4 | 26.5 | 26.7 | 26.9 | 26.9 |
| ≥ 6000 | 25.7 | 25.7 | 25.7 | 26.0 | 26.0 | 26.0 | 26.3 | 26.3 | 26.3 | 26.3 | 26.4 | 26.4 | 26.5 | 26.6 | 26.8 | 27.0 | 27.0 |
| ≥ 5000 | 25.8 | 25.8 | 25.8 | 26.1 | 26.1 | 26.1 | 26.4 | 26.4 | 26.4 | 26.4 | 26.5 | 26.5 | 26.6 | 26.7 | 26.9 | 27.1 | 27.1 |
| ≥ 4500 | 25.9 | 25.9 | 25.9 | 26.2 | 26.2 | 26.2 | 26.5 | 26.5 | 26.5 | 26.5 | 26.6 | 26.6 | 26.7 | 26.8 | 27.0 | 27.2 | 27.2 |
| ≥ 4000 | 26.0 | 26.0 | 26.0 | 26.3 | 26.3 | 26.3 | 26.6 | 26.6 | 26.6 | 26.6 | 26.7 | 26.7 | 26.8 | 26.9 | 27.1 | 27.3 | 27.3 |
| ≥ 3500 | 26.1 | 26.1 | 26.1 | 26.4 | 26.4 | 26.4 | 26.7 | 26.7 | 26.7 | 26.7 | 26.8 | 26.8 | 26.9 | 27.0 | 27.2 | 27.4 | 27.4 |
| ≥ 3000 | 26.2 | 26.2 | 26.2 | 26.5 | 26.5 | 26.5 | 26.8 | 26.8 | 26.8 | 26.8 | 26.9 | 26.9 | 27.0 | 27.1 | 27.3 | 27.5 | 27.5 |
| ≥ 2500 | 26.3 | 26.3 | 26.3 | 26.6 | 26.6 | 26.6 | 26.9 | 26.9 | 26.9 | 26.9 | 27.0 | 27.0 | 27.1 | 27.2 | 27.4 | 27.6 | 27.6 |
| ≥ 2000 | 26.4 | 26.4 | 26.4 | 26.7 | 26.7 | 26.7 | 27.0 | 27.0 | 27.0 | 27.0 | 27.1 | 27.1 | 27.2 | 27.3 | 27.5 | 27.7 | 27.7 |
| ≥ 1800 | 26.5 | 26.5 | 26.5 | 26.8 | 26.8 | 26.8 | 27.1 | 27.1 | 27.1 | 27.1 | 27.2 | 27.2 | 27.3 | 27.4 | 27.6 | 27.8 | 27.8 |
| ≥ 1500 | 26.6 | 26.6 | 26.6 | 26.9 | 26.9 | 26.9 | 27.2 | 27.2 | 27.2 | 27.2 | 27.3 | 27.3 | 27.4 | 27.5 | 27.7 | 27.9 | 27.9 |
| ≥ 1200 | 26.7 | 26.7 | 26.7 | 27.0 | 27.0 | 27.0 | 27.3 | 27.3 | 27.3 | 27.3 | 27.4 | 27.4 | 27.5 | 27.6 | 27.8 | 28.0 | 28.0 |
| ≥ 1000 | 26.8 | 26.8 | 26.8 | 27.1 | 27.1 | 27.1 | 27.4 | 27.4 | 27.4 | 27.4 | 27.5 | 27.5 | 27.6 | 27.7 | 27.9 | 28.1 | 28.1 |
| ≥ 900 | 26.9 | 26.9 | 26.9 | 27.2 | 27.2 | 27.2 | 27.5 | 27.5 | 27.5 | 27.5 | 27.6 | 27.6 | 27.7 | 27.8 | 28.0 | 28.2 | 28.2 |
| ≥ 800 | 27.0 | 27.0 | 27.0 | 27.3 | 27.3 | 27.3 | 27.6 | 27.6 | 27.6 | 27.6 | 27.7 | 27.7 | 27.8 | 27.9 | 28.1 | 28.3 | 28.3 |

TOTAL NUMBER OF OBSERVATIONS

334

USAF ETAC

FORM
11-15-64

0-14-5 [O] 1) FOR ALL FUNCTIONS OF THIS FORM ARE COMPLETE

ATLANTA REGIONAL DIVISION
USAF ETAC
AIR EXERCISE DIVISION

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

57-06

YEAR

1200-1400

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|--------------------------|------|------|------|------|------|------|------|------|------|-------|------|-------|--------|-------|--------|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2.5 | ≥2 | ≥1.5 | ≥1 | ≥0.5 | ≥0.25 | ≥0.1 | ≥0.05 | ≥0.025 | ≥0.01 | ≥0.005 |
| NO CEILING | 3.2 | 23.4 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |
| ≥ 20000 | 3.2 | 23.4 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |
| ≥ 18000 | 3.2 | 23.4 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |
| ≥ 16000 | 3.2 | 23.4 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |
| ≥ 14000 | 3.2 | 23.4 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |
| ≥ 12000 | 3.2 | 23.4 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |
| ≥ 10000 | 3.2 | 23.4 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |
| ≥ 9000 | 3.2 | 23.4 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |
| ≥ 8000 | 3.2 | 23.4 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |
| ≥ 7000 | 3.2 | 23.4 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |
| ≥ 6000 | 3.2 | 23.4 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |
| ≥ 5000 | 3.2 | 23.4 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |
| ≥ 4500 | 3.2 | 23.4 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |
| ≥ 4000 | 3.2 | 23.4 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |
| ≥ 3500 | 3.2 | 23.4 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |
| ≥ 3000 | 3.2 | 23.4 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |
| ≥ 2500 | 3.2 | 23.4 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |
| ≥ 2000 | 3.2 | 23.4 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |
| ≥ 1800 | 3.2 | 23.4 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |
| ≥ 1500 | 3.2 | 23.4 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |
| ≥ 1200 | 3.2 | 23.4 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |
| ≥ 1000 | 3.2 | 23.4 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |
| ≥ 900 | 3.2 | 23.4 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |
| ≥ 800 | 3.2 | 23.4 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |
| ≥ 700 | 3.2 | 23.4 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |
| ≥ 600 | 3.2 | 23.4 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |
| ≥ 500 | 3.2 | 23.4 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |
| ≥ 400 | 3.2 | 23.4 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |
| ≥ 300 | 3.2 | 23.4 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |
| ≥ 200 | 3.2 | 23.4 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |
| ≥ 100 | 3.2 | 23.4 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |
| ≥ 0 | 3.2 | 23.4 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 |

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC 0-14 5101 1-1-60

DATA PREPARED BY DIVISION
USAF ETAC
AIR BEAT EN SERVICE/DOC

CEILING VERSUS VISIBILITY

25276 AIRCRAFT OF THE 1ST ART

57-66

YEAR

1957

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------|----------------------------|------|------|------|------|-------|------|-------|------|-------|------|-------|-------|-------|-------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .10 | ≥ .05 | ≥ .01 | ≥ 0 |
| NO CEILING | 24.7 | 25.1 | 25.1 | 25.1 | 25.1 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.4 | 25.4 | 25.4 | 25.4 |
| ≥ 20000 | 23.6 | 23.7 | 23.7 | 23.7 | 23.7 | 23.8 | 23.8 | 23.8 | 23.8 | 23.8 | 23.8 | 23.8 | 23.8 | 23.8 | 23.8 | 23.8 |
| ≥ 18000 | 22.1 | 22.2 | 22.2 | 22.2 | 22.2 | 22.4 | 22.4 | 22.4 | 22.4 | 22.4 | 22.4 | 22.4 | 22.6 | 22.6 | 22.6 | 22.6 |
| ≥ 16000 | 20.2 | 20.3 | 20.3 | 20.3 | 20.3 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.6 | 20.6 | 20.6 | 20.6 |
| ≥ 14000 | 18.1 | 18.2 | 18.2 | 18.2 | 18.2 | 18.3 | 18.3 | 18.3 | 18.3 | 18.3 | 18.3 | 18.3 | 18.5 | 18.5 | 18.5 | 18.5 |
| ≥ 12000 | 14.7 | 14.8 | 14.8 | 14.8 | 14.8 | 14.9 | 14.9 | 14.9 | 14.9 | 14.9 | 14.9 | 14.9 | 15.2 | 15.2 | 15.2 | 15.2 |
| ≥ 10000 | 10.6 | 10.8 | 10.8 | 10.8 | 10.8 | 10.9 | 10.9 | 10.9 | 10.9 | 10.9 | 10.9 | 10.9 | 11.1 | 11.1 | 11.1 | 11.1 |
| ≥ 9000 | 4.5 | 4.4 | 4.4 | 4.4 | 4.4 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.8 | 4.8 | 4.8 | 4.8 |
| ≥ 8000 | 4.6 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 |
| ≥ 7000 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 |
| ≥ 6000 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 |
| ≥ 5000 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| ≥ 4500 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| ≥ 4000 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| ≥ 3500 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| ≥ 3000 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| ≥ 2500 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| ≥ 2000 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| ≥ 1800 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| ≥ 1500 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| ≥ 1200 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| ≥ 1000 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| ≥ 900 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| ≥ 800 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| ≥ 700 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| ≥ 600 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| ≥ 500 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| ≥ 400 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| ≥ 300 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| ≥ 200 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| ≥ 100 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| ≥ 0 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0:14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2.5 | ≥ 2 | ≥ 1.5 | ≥ 1 | ≥ .75 | ≥ .5 | ≥ .25 | ≥ .1 | ≥ .05 | ≥ .01 | ≥ 0 |
| NO CEILING ≥ 20000 | 5.6 | 25.2 | 25.0 | 26.1 | 25.1 | 26.2 | 26.2 | 24.1 | 26.3 | 26.3 | 26.5 | 26.7 | 26.7 | 26.7 | 27.1 | 27.1 |
| ≥ 18000 | 7.0 | 23.2 | 23.2 | 23.4 | 23.4 | 23.3 | 23.3 | 23.1 | 23.6 | 23.6 | 23.7 | 23.7 | 23.7 | 23.7 | 24.2 | 24.2 |
| ≥ 16000 | 8.3 | 23.6 | 23.6 | 23.3 | 23.6 | 23.4 | 23.7 | 23.1 | 23.0 | 23.0 | 23.1 | 23.1 | 23.1 | 23.1 | 23.7 | 23.7 |
| ≥ 14000 | 9.9 | 24.2 | 24.2 | 23.9 | 24.2 | 23.5 | 23.0 | 23.7 | 23.7 | 23.7 | 23.3 | 23.3 | 23.3 | 23.3 | 23.3 | 23.3 |
| ≥ 12000 | 11.2 | 31.5 | 31.5 | 31.7 | 31.7 | 31.2 | 31.1 | 31.3 | 31.3 | 31.3 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 |
| ≥ 10000 | 14.2 | 34.2 | 34.2 | 34.7 | 34.7 | 34.2 | 34.1 | 34.3 | 34.3 | 34.3 | 34.9 | 34.9 | 35.1 | 35.1 | 35.1 | 35.1 |
| ≥ 9000 | 16.4 | 39.2 | 39.2 | 39.2 | 39.2 | 39.7 | 39.7 | 39.3 | 39.8 | 39.8 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 |
| ≥ 8000 | 17.6 | 42.4 | 42.4 | 42.7 | 42.7 | 43.2 | 43.2 | 43.3 | 43.3 | 43.3 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 |
| ≥ 7000 | 18.6 | 45.2 | 45.2 | 45.3 | 45.3 | 45.2 | 45.2 | 46.1 | 46.0 | 46.0 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 |
| ≥ 6000 | 19.6 | 48.0 | 48.0 | 48.3 | 48.3 | 48.1 | 48.1 | 48.9 | 48.8 | 48.8 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 |
| ≥ 5000 | 20.6 | 50.8 | 50.8 | 51.6 | 51.6 | 51.4 | 51.4 | 52.2 | 52.1 | 52.1 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 4500 | 21.6 | 53.6 | 53.6 | 54.4 | 54.4 | 54.2 | 54.2 | 55.0 | 54.9 | 54.9 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| ≥ 4000 | 22.6 | 56.4 | 56.4 | 57.2 | 57.2 | 57.0 | 57.0 | 57.8 | 57.7 | 57.7 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 |
| ≥ 3500 | 23.6 | 59.2 | 59.2 | 60.0 | 60.0 | 59.8 | 59.8 | 60.6 | 60.5 | 60.5 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 |
| ≥ 3000 | 24.6 | 62.0 | 62.0 | 62.8 | 62.8 | 62.6 | 62.6 | 63.4 | 63.3 | 63.3 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| ≥ 2500 | 25.6 | 64.8 | 64.8 | 65.6 | 65.6 | 65.4 | 65.4 | 66.2 | 66.1 | 66.1 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| ≥ 2000 | 26.6 | 67.6 | 67.6 | 68.4 | 68.4 | 68.2 | 68.2 | 69.0 | 68.9 | 68.9 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| ≥ 1800 | 27.6 | 70.4 | 70.4 | 71.2 | 71.2 | 71.0 | 71.0 | 71.8 | 71.7 | 71.7 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 1500 | 28.6 | 73.2 | 73.2 | 74.0 | 74.0 | 73.8 | 73.8 | 74.6 | 74.5 | 74.5 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 1200 | 29.6 | 76.0 | 76.0 | 76.8 | 76.8 | 76.6 | 76.6 | 77.4 | 77.3 | 77.3 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| ≥ 1000 | 30.6 | 78.8 | 78.8 | 79.6 | 79.6 | 79.4 | 79.4 | 80.2 | 80.1 | 80.1 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| ≥ 900 | 31.6 | 81.6 | 81.6 | 82.4 | 82.4 | 82.2 | 82.2 | 83.0 | 82.9 | 82.9 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 800 | 32.6 | 84.4 | 84.4 | 85.2 | 85.2 | 85.0 | 85.0 | 85.8 | 85.7 | 85.7 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 700 | 33.6 | 87.2 | 87.2 | 88.0 | 88.0 | 87.8 | 87.8 | 88.6 | 88.5 | 88.5 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 600 | 34.6 | 90.0 | 90.0 | 90.8 | 90.8 | 90.6 | 90.6 | 91.4 | 91.3 | 91.3 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 500 | 35.6 | 92.8 | 92.8 | 93.6 | 93.6 | 93.4 | 93.4 | 94.2 | 94.1 | 94.1 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 400 | 36.6 | 95.6 | 95.6 | 96.4 | 96.4 | 96.2 | 96.2 | 97.0 | 96.9 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 300 | 37.6 | 98.4 | 98.4 | 99.2 | 99.2 | 99.0 | 99.0 | 99.8 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 38.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 39.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 40.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

9,300

USAF ETAC 0-14-5 (OL 1)

ATLANTA, Ga., Dec. 10 (AP) —

CEILING VERSUS VISIBILITY

[illegible]

57-46

1434

10

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

194-275

[illegible]

TOTAL NUMBER OF OBSERVATIONS

[illegible]

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1946. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

| <u>OKTAS</u> | <u>TENTHS</u> |
|-----------------|---------------|
| 0 | 0 |
| 1 | 1 |
| 2 | 3 |
| 3 | 4 |
| 4 | 5 |
| 5 | 6 |
| 6 | 8 |
| 7 | 9 |
| 8 (or obscured) | 10 |

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

25206 PRINCE GEORGE B C UNIT APT

57-66

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|--------|----------------|---|-----|-----|-----|-----|-----|-----|-----|------|------|------|--------------------------------|------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JAN | ALL | 6.2 | 4.1 | 4.8 | 3.4 | 2.8 | 1.5 | 2.8 | 3.6 | 5.8 | 15.3 | 49.2 | 7.6 | 7440 |
| FEB | | 7.4 | 6.4 | 5.7 | 4.1 | 3.8 | 2.6 | 3.4 | 4.4 | 6.6 | 17.1 | 38.5 | 7.0 | 6768 |
| MAR | | 8.1 | 7.8 | 6.5 | 4.7 | 4.2 | 3.1 | 3.5 | 6.0 | 8.9 | 16.7 | 30.7 | 6.6 | 7440 |
| APR | | 5.0 | 7.4 | 6.8 | 5.5 | 4.8 | 3.5 | 4.8 | 6.8 | 10.1 | 18.2 | 27.1 | 6.7 | 7200 |
| MAY | | 5.0 | 8.0 | 7.6 | 5.4 | 4.7 | 3.6 | 4.8 | 7.1 | 10.2 | 22.5 | 21.2 | 6.5 | 7440 |
| JUN | | 1.0 | 5.6 | 6.3 | 6.7 | 6.4 | 5.6 | 6.4 | 9.4 | 12.9 | 24.8 | 15.0 | 6.7 | 7200 |
| JUL | | 2.6 | 9.4 | 9.1 | 7.6 | 6.0 | 5.2 | 6.6 | 7.7 | 11.5 | 23.2 | 11.3 | 6.1 | 7440 |
| AUG | | 3.3 | 7.3 | 7.6 | 7.4 | 6.1 | 5.2 | 5.6 | 6.8 | 10.3 | 21.4 | 19.2 | 6.4 | 7440 |
| SEP | | 7.0 | 7.8 | 6.4 | 5.2 | 4.0 | 3.5 | 3.7 | 5.6 | 8.8 | 21.5 | 26.6 | 6.6 | 7200 |
| OCT | | 4.1 | 5.4 | 4.5 | 4.4 | 4.1 | 3.2 | 3.7 | 6.0 | 8.5 | 21.2 | 34.8 | 7.3 | 7440 |
| NOV | | 3.3 | 3.9 | 4.5 | 4.0 | 3.9 | 3.0 | 3.3 | 5.1 | 6.8 | 18.3 | 44.0 | 7.7 | 7200 |
| DEC | | 3.5 | 3.7 | 4.3 | 4.0 | 3.2 | 2.6 | 2.9 | 4.0 | 6.9 | 18.3 | 46.5 | 7.8 | 7440 |
| TOTALS | | 4.8 | 6.4 | 6.2 | 5.2 | 4.5 | 3.6 | 4.3 | 6.0 | 8.9 | 19.9 | 30.3 | 6.9 | 87648 |

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/PAAC

SKY COVER

25206 PRINCE GEORGE AFB (OUT) APT

57-66

JAN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS | |
|--------|----------------|---|-----|-----|-----|-----|-----|-----|-----|-----|------|--------------------------------|------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| JAN | 00-02 | 9.7 | 4.1 | 7.1 | 3.7 | 2.6 | .9 | 3.0 | 3.5 | 4.3 | 8.3 | 52.9 | 7.2 | 930 |
| | 03-05 | 9.6 | 5.1 | 4.0 | 2.6 | 2.4 | 1.7 | 2.7 | 3.2 | 4.9 | 5.1 | 58.8 | 7.5 | 930 |
| | 06-08 | 5.6 | 3.3 | 5.6 | 4.1 | 3.2 | 1.6 | 2.4 | 3.1 | 5.3 | 10.3 | 55.5 | 7.7 | 930 |
| | 09-11 | 2.9 | 3.4 | 3.4 | 2.3 | 2.6 | 2.4 | 2.9 | 3.4 | 6.2 | 21.8 | 48.6 | 8.1 | 930 |
| | 12-14 | 2.8 | 4.5 | 3.5 | 3.5 | 2.7 | 1.4 | 2.3 | 4.1 | 6.5 | 29.2 | 39.5 | 7.9 | 930 |
| | 15-17 | 3.9 | 4.1 | 3.8 | 3.7 | 2.9 | 1.6 | 2.5 | 4.6 | 7.8 | 28.0 | 37.2 | 7.8 | 930 |
| | 18-20 | 7.5 | 5.4 | 5.6 | 3.2 | 2.8 | 1.0 | 3.1 | 4.6 | 4.6 | 10.5 | 51.6 | 7.4 | 930 |
| | 21-23 | 12.6 | 2.9 | 5.3 | 3.7 | 2.9 | 1.7 | 3.2 | 2.6 | 6.6 | 9.0 | 49.6 | 7.1 | 930 |
| TOTALS | | 6.8 | 4.1 | 4.8 | 3.4 | 2.8 | 1.5 | 2.8 | 3.6 | 5.8 | 15.3 | 49.2 | 7.6 | 7440 |

USAFETAC

FORM 0.9.5 (OL1)
 JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

25206 PRINCE GEORGE A C BPT APT

57-66

FLF

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS IL ST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL | | | | | | | | COVER | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|--------|----------------|---|-----|-----|-----|-----|-----|-----|-----|-------|------|------|-----|--------------------------------|-----------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | | |
| FEB | 00-02 | 13.1 | 7.8 | 8.0 | 4.3 | 3.3 | 2.7 | 2.7 | 0.6 | 3.0 | 8.5 | 44.2 | 6.4 | 846 | |
| | 03-05 | 13.8 | 8.7 | 6.4 | 3.0 | 3.2 | 2.7 | 3.1 | 3.0 | 3.2 | 8.2 | 44.8 | 6.4 | 846 | |
| | 06-08 | 4.8 | 7.3 | 5.9 | 5.7 | 5.6 | 2.0 | 3.9 | 5.2 | 6.5 | 14.5 | 38.5 | 7.0 | 846 | |
| | 09-11 | 3.2 | 4.6 | 5.0 | 4.6 | 3.8 | 2.8 | 3.1 | 4.3 | 7.3 | 26.0 | 35.3 | 7.5 | 846 | |
| | 12-14 | 2.0 | 4.1 | 4.8 | 4.0 | 3.0 | 2.2 | 3.4 | 5.7 | 9.7 | 28.0 | 32.6 | 7.6 | 846 | |
| | 15-17 | 2.8 | 5.8 | 3.4 | 2.2 | 3.3 | 3.1 | 3.4 | 5.9 | 9.9 | 28.0 | 32.2 | 7.6 | 846 | |
| | 18-20 | 6.5 | 7.2 | 5.1 | 3.3 | 4.1 | 3.1 | 4.5 | 5.2 | 7.1 | 16.1 | 37.8 | 7.0 | 846 | |
| | 21-23 | 12.4 | 5.3 | 7.1 | 5.4 | 4.3 | 2.7 | 3.1 | 3.1 | 6.0 | 7.7 | 42.9 | 6.5 | 846 | |
| TOTALS | | 7.4 | 6.4 | 5.7 | 4.1 | 3.8 | 2.6 | 3.4 | 4.4 | 6.6 | 17.1 | 38.5 | 7.0 | 6768 | |

USAFETAC

FORM
JUL 64

0 9 5 (OL1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

25206 PRINCE GEORGE B C DUT APT

57-66

MAR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS | |
|--------|----------------|---|-----|-----|-----|-----|-----|-----|-----|------|------|--------------------------------|------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| MAR | 00-02 | 18.2 | 7.7 | 8.0 | 4.8 | 4.1 | 1.9 | 3.2 | 3.9 | 7.2 | 8.0 | 33.0 | 5.7 | 930 |
| | 03-05 | 15.7 | 8.6 | 6.2 | 5.1 | 5.7 | 2.4 | 2.4 | 4.6 | 6.1 | 8.0 | 35.3 | 5.9 | 930 |
| | 06-08 | 3.8 | 7.1 | 6.9 | 4.7 | 3.7 | 3.3 | 2.8 | 6.0 | 8.7 | 21.3 | 31.7 | 7.0 | 930 |
| | 09-11 | 3.0 | 5.3 | 5.9 | 5.2 | 3.1 | 3.2 | 3.1 | 4.5 | 11.0 | 24.1 | 30.9 | 7.2 | 930 |
| | 12-14 | 2.4 | 8.6 | 3.5 | 3.0 | 2.8 | 3.2 | 3.0 | 8.5 | 10.9 | 24.0 | 30.1 | 7.3 | 930 |
| | 15-17 | 3.0 | 6.6 | 4.6 | 3.3 | 4.2 | 3.3 | 4.1 | 7.0 | 13.5 | 23.2 | 27.1 | 7.2 | 930 |
| | 18-20 | 4.3 | 9.1 | 7.8 | 5.2 | 4.3 | 4.5 | 4.9 | 8.3 | 8.3 | 17.6 | 25.6 | 6.5 | 930 |
| | 21-23 | 13.0 | 9.2 | 8.8 | 6.2 | 5.8 | 2.7 | 4.3 | 4.9 | 5.8 | 7.1 | 32.0 | 5.7 | 930 |
| TOTALS | | 8.0 | 7.8 | 6.5 | 4.7 | 4.2 | 3.1 | 3.5 | 6.0 | 8.9 | 16.7 | 30.7 | 6.6 | 7440 |

USAFETAC

FORM 0 9.5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

25206 PRINCE GEORGE B C DUT APT

57-66

APR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|--------|----------------|---|------|-----|-----|-----|-----|-----|-----|------|------|------|--------------------------------|------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| APR | 00-02 | 14.2 | 9.7 | 7.1 | 6.9 | 4.2 | 3.4 | 3.7 | 4.9 | 6.8 | 6.4 | 32.7 | 5.7 | 900 |
| | 03-05 | 7.8 | 11.4 | 9.1 | 5.4 | 3.7 | 3.8 | 5.0 | 4.3 | 6.7 | 12.3 | 30.4 | 6.1 | 900 |
| | 06-08 | 3.3 | 8.7 | 8.2 | 5.2 | 5.0 | 1.8 | 6.2 | 7.7 | 9.1 | 19.7 | 25.1 | 6.6 | 900 |
| | 09-11 | 2.1 | 6.8 | 6.3 | 6.4 | 5.9 | 3.8 | 5.2 | 7.1 | 9.9 | 21.9 | 24.6 | 6.8 | 900 |
| | 12-14 | 1.4 | 4.6 | 4.9 | 4.6 | 3.3 | 3.7 | 5.0 | 7.6 | 13.9 | 26.8 | 24.3 | 7.4 | 900 |
| | 15-17 | 1.8 | 4.2 | 4.3 | 2.7 | 4.2 | 4.2 | 2.9 | 7.8 | 16.2 | 27.0 | 24.7 | 7.5 | 900 |
| | 18-20 | 2.1 | 5.1 | 5.4 | 5.3 | 6.0 | 4.2 | 4.6 | 8.4 | 10.7 | 22.6 | 25.6 | 7.1 | 900 |
| | 21-23 | 7.4 | 8.4 | 9.0 | 7.6 | 6.4 | 2.8 | 5.6 | 6.7 | 7.7 | 9.1 | 29.3 | 6.1 | 900 |
| TOTALS | | 5.0 | 7.4 | 6.8 | 5.5 | 4.8 | 3.5 | 4.8 | 6.8 | 10.1 | 18.2 | 27.1 | 6.7 | 7200 |

USAFETAC

FORM 0-9-5 (OLI)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

57-66

1954

STATION

STATION NAME

PERÍODO

MONTH

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS | |
|--------|----------------|---|------|------|-----|-----|-----|-----|------|------|------|--------------------------------|-----------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| MAY | 00-02 | 14.7 | 11.7 | 10.6 | 5.6 | 5.3 | 2.8 | 3.0 | 4.2 | 7.0 | 10.5 | 24.5 | 5.3 | 930 |
| | 03-05 | 7.1 | 11.0 | 8.3 | 7.2 | 5.3 | 3.0 | 5.3 | 5.2 | 7.8 | 16.6 | 23.3 | 6.0 | 930 |
| | 06-08 | 4.3 | 10.4 | 8.3 | 6.2 | 4.0 | 3.5 | 4.1 | 5.9 | 7.4 | 22.4 | 23.4 | 6.4 | 930 |
| | 09-11 | 2.0 | 5.5 | 9.4 | 6.2 | 5.4 | 4.6 | 4.6 | 7.6 | 9.4 | 24.6 | 20.6 | 6.7 | 930 |
| | 12-14 | 1.2 | 6.5 | 4.1 | 3.8 | 2.7 | 3.3 | 4.1 | 8.9 | 15.6 | 31.4 | 18.5 | 7.3 | 930 |
| | 15-17 | 2.3 | 4.6 | 3.9 | 2.0 | 3.2 | 3.3 | 4.7 | 10.2 | 15.2 | 30.0 | 20.5 | 7.4 | 930 |
| | 18-20 | 2.5 | 5.1 | 6.1 | 5.2 | 5.4 | 4.3 | 6.0 | 9.1 | 12.8 | 25.5 | 18.1 | 6.9 | 930 |
| | 21-23 | 6.1 | 9.2 | 9.7 | 7.2 | 6.2 | 4.0 | 6.2 | 5.6 | 6.5 | 18.7 | 20.5 | 6.0 | 930 |
| TOTALS | | 5.0 | 8.0 | 7.6 | 5.4 | 4.7 | 3.6 | 4.8 | 7.1 | 10.2 | 22.5 | 21.2 | 6.5 | 7440 |

FORM 09.5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

57-66

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS H.L.T. | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | | |
|-------|-----------------|---|------|------|-----|-----|-----|-----|------|------|------|--------------------------------|-------------------------|-----|--|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 | |
| JUN | 00-02 | 3.3 | 10.2 | 10.0 | 8.4 | 8.4 | 5.0 | 5.9 | 8.0 | 8.6 | 16.3 | 15.8 | 5.8 | 900 | |
| | 03-05 | 1.7 | 8.0 | 8.6 | 7.8 | 6.4 | 6.6 | 4.6 | 6.2 | 8.3 | 23.6 | 18.9 | 6.4 | 900 | |
| | 06-08 | 1.4 | 7.7 | 7.7 | 6.7 | 6.2 | 3.7 | 5.0 | 7.9 | 11.8 | 24.6 | 17.4 | 6.6 | 900 | |
| | 09-11 | .6 | 4.2 | 8.2 | 6.7 | 5.6 | 4.6 | 6.3 | 9.6 | 13.0 | 24.1 | 17.2 | 6.8 | 900 | |
| | 12-14 | .1 | 3.1 | 3.4 | 4.8 | 5.1 | 6.4 | 7.9 | 12.4 | 16.3 | 28.2 | 12.1 | 7.2 | 900 | |
| | 15-17 | .2 | 2.3 | 2.3 | 4.7 | 5.2 | 6.6 | 7.9 | 12.7 | 15.4 | 32.1 | 10.6 | 7.3 | 900 | |
| | 18-20 | .3 | 3.1 | 3.8 | 7.0 | 6.9 | 6.4 | 7.2 | 9.3 | 16.7 | 27.3 | 11.9 | 7.0 | 900 | |
| | 21-23 | .7 | 6.2 | 6.2 | 7.3 | 7.3 | 6.4 | 6.0 | 8.9 | 13.1 | 21.9 | 15.9 | 6.6 | 900 | |
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SKY COVER

JUL

MONTH

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|----------------|---|------|------|-----|-----|-----|-----|------|------|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| JUL | 00-02 | 8.4 | 17.8 | 9.6 | 8.0 | 5.3 | 4.0 | 5.8 | 5.1 | 6.8 | 13.7 | 15.7 | 5.1 | 930 |
| | 03-05 | 2.8 | 11.4 | 11.3 | 6.3 | 5.9 | 3.9 | 6.3 | 5.6 | 10.5 | 21.6 | 14.3 | 6.0 | 930 |
| | 06-08 | 3.3 | 8.9 | 9.6 | 9.0 | 4.7 | 4.1 | 4.9 | 5.6 | 12.7 | 24.5 | 12.6 | 6.1 | 930 |
| | 09-11 | 1.0 | 8.7 | 10.4 | 7.1 | 5.1 | 5.3 | 7.8 | 8.7 | 11.3 | 24.9 | 9.7 | 6.2 | 930 |
| | 12-14 | .2 | 5.7 | 6.9 | 6.0 | 7.1 | 6.3 | 7.3 | 10.1 | 15.7 | 26.8 | 7.8 | 6.6 | 930 |
| | 15-17 | .3 | 4.4 | 6.1 | 7.5 | 7.7 | 6.3 | 7.5 | 10.4 | 12.9 | 28.2 | 8.5 | 6.6 | 930 |
| | 18-20 | 1.2 | 7.2 | 7.4 | 7.4 | 6.3 | 5.9 | 7.2 | 8.2 | 15.4 | 25.2 | 8.6 | 6.4 | 930 |
| | 21-23 | 3.3 | 11.1 | 11.2 | 9.5 | 5.6 | 5.5 | 6.1 | 7.7 | 6.5 | 20.5 | 13.0 | 5.7 | 930 |
| TOTALS | | 2.6 | 9.4 | 9.1 | 7.6 | 6.0 | 5.2 | 6.6 | 7.7 | 11.5 | 23.2 | 11.3 | 6.1 | 7440 |

SKY COVER

ALG.

MONTH

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|--------|----------------|---|------|-----|-----|-----|-----|-----|-----|------|------|------|--------------------------------|------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| AUG | 00-02 | 10.5 | 12.3 | 9.4 | 7.4 | 5.3 | 2.9 | 3.9 | 6.1 | 6.3 | 7.5 | 28.4 | 5.6 | 930 |
| | 03-05 | 5.3 | 8.6 | 8.9 | 6.2 | 4.6 | 4.8 | 6.2 | 7.3 | 7.6 | 17.4 | 22.9 | 6.2 | 930 |
| | 06-08 | 2.3 | 6.1 | 6.1 | 8.1 | 5.1 | 5.4 | 5.2 | 6.7 | 11.3 | 26.3 | 17.5 | 6.7 | 930 |
| | 09-11 | 1.5 | 6.3 | 7.5 | 8.8 | 6.9 | 4.2 | 5.6 | 6.1 | 11.5 | 25.9 | 15.6 | 6.5 | 930 |
| | 12-14 | .2 | 4.5 | 5.6 | 5.7 | 6.6 | 6.0 | 6.9 | 8.0 | 13.5 | 26.1 | 15.9 | 6.9 | 930 |
| | 15-17 | .4 | 4.1 | 4.8 | 7.1 | 8.0 | 7.2 | 5.8 | 7.1 | 14.4 | 25.6 | 15.5 | 6.9 | 930 |
| | 18-20 | .3 | 6.8 | 8.3 | 9.0 | 5.6 | 5.4 | 5.8 | 6.9 | 11.0 | 24.9 | 16.0 | 6.6 | 930 |
| | 21-23 | 5.6 | 9.4 | 8.9 | 6.6 | 6.6 | 5.4 | 5.6 | 6.2 | 7.0 | 17.2 | 21.6 | 6.0 | 930 |
| | | | | | | | | | | | | | | |
| TOTALS | | 3.3 | 7.3 | 7.6 | 7.4 | 6.1 | 5.2 | 5.6 | 6.8 | 10.3 | 21.4 | 19.2 | 6.4 | 7440 |

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

SEP
MONTH

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS | |
|--------|----------------|---|------|-----|-----|-----|-----|-----|-----|------|------|--------------------------------|------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| SEP | 00-02 | 16.6 | 10.2 | 6.9 | 4.3 | 3.1 | 3.0 | 3.7 | 3.9 | 6.0 | 11.6 | 30.8 | 5.7 | 900 |
| | 03-05 | 11.0 | 9.2 | 6.6 | 4.9 | 3.7 | 2.9 | 4.0 | 5.4 | 7.8 | 14.6 | 30.0 | 6.2 | 900 |
| | 06-08 | 1.4 | 6.3 | 5.6 | 5.8 | 2.9 | 4.2 | 3.4 | 5.7 | 10.3 | 27.7 | 26.7 | 7.3 | 900 |
| | 09-11 | 2.8 | 7.8 | 5.9 | 4.2 | 3.1 | 3.6 | 3.4 | 5.4 | 7.6 | 29.2 | 26.8 | 7.1 | 900 |
| | 12-14 | 2.7 | 6.2 | 5.8 | 4.6 | 4.6 | 3.8 | 3.1 | 6.3 | 12.8 | 27.6 | 22.7 | 7.1 | 900 |
| | 15-17 | 3.1 | 4.8 | 5.8 | 5.9 | 5.1 | 3.9 | 4.1 | 7.6 | 11.7 | 28.0 | 20.1 | 7.0 | 900 |
| | 18-20 | 5.6 | 8.0 | 6.9 | 5.3 | 5.0 | 4.3 | 4.2 | 6.2 | 8.0 | 21.3 | 25.1 | 6.6 | 900 |
| | 21-23 | 12.7 | 10.2 | 7.7 | 6.3 | 4.6 | 2.6 | 3.8 | 4.1 | 5.7 | 11.6 | 30.9 | 5.9 | 900 |
| TOTALS | | | | | | | | | | | | | | |
| | | 7.0 | 7.8 | 6.4 | 5.2 | 4.0 | 3.5 | 3.7 | 5.6 | 8.8 | 21.5 | 26.6 | 6.6 | 7200 |

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

25206 PRINCE GEORGE R C BDT APT

57-66

OCT

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS ILST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS | |
|--------|---------------|---|------|-----|-----|-----|-----|-----|-----|------|------|--------------------------------|------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| OCT | 00-02 | 8.8 | 8.8 | 5.6 | 5.2 | 3.7 | 3.4 | 3.2 | 4.4 | 5.7 | 10.4 | 40.8 | 6.6 | 930 |
| | 03-05 | 7.4 | 10.6 | 5.4 | 4.0 | 4.5 | 2.2 | 2.5 | 3.7 | 7.0 | 11.1 | 41.3 | 6.7 | 930 |
| | 06-08 | 1.0 | 3.4 | 5.7 | 6.0 | 3.8 | 2.6 | 3.9 | 6.2 | 9.1 | 24.6 | 33.7 | 7.6 | 930 |
| | 09-11 | .9 | 2.4 | 3.3 | 5.4 | 4.8 | 3.1 | 3.4 | 5.2 | 10.1 | 32.0 | 29.4 | 7.8 | 930 |
| | 12-14 | 1.4 | 1.4 | 2.8 | 3.0 | 3.4 | 3.3 | 4.9 | 8.4 | 11.5 | 29.7 | 30.1 | 8.0 | 930 |
| | 15-17 | 1.5 | 3.5 | 2.7 | 3.0 | 4.5 | 3.5 | 3.7 | 8.3 | 10.0 | 31.9 | 27.3 | 7.7 | 930 |
| | 18-20 | 3.3 | 6.7 | 4.8 | 4.7 | 5.3 | 2.8 | 3.7 | 6.7 | 8.7 | 17.8 | 35.5 | 7.2 | 930 |
| | 21-23 | 8.2 | 6.6 | 5.3 | 4.2 | 3.0 | 4.3 | 4.3 | 5.4 | 5.9 | 12.3 | 40.6 | 6.9 | 930 |
| TOTALS | | 4.1 | 5.4 | 4.5 | 4.4 | 4.1 | 3.2 | 3.7 | 6.0 | 8.5 | 21.2 | 34.8 | 7.3 | 7440 |

USAFETAC

FORM 095 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

25206 PRINCE GEORGE R C DUT APT
 STATION STATION NAME

57-66

PERIOD

NOV
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS | |
|--------|----------------|---|-----|-----|-----|-----|-----|-----|-----|-----|------|--------------------------------|------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| NOV | 00-02 | 7.0 | 5.8 | 5.7 | 3.7 | 2.2 | 1.8 | 3.3 | 4.3 | 4.8 | 9.4 | 52.0 | 7.4 | 900 |
| | 03-05 | 6.8 | 3.7 | 6.3 | 3.7 | 4.2 | 2.4 | 2.7 | 3.2 | 5.1 | 11.0 | 50.9 | 7.4 | 900 |
| | 06-08 | 2.4 | 3.8 | 4.6 | 5.7 | 4.4 | 3.4 | 3.2 | 5.4 | 7.7 | 17.9 | 41.6 | 7.6 | 900 |
| | 09-11 | .9 | 3.1 | 3.4 | 4.8 | 3.8 | 3.2 | 3.0 | 5.4 | 8.9 | 27.9 | 35.6 | 7.9 | 900 |
| | 12-14 | | 2.8 | 3.6 | 2.6 | 4.0 | 3.0 | 4.7 | 5.2 | 8.2 | 28.4 | 37.6 | 8.1 | 900 |
| | 15-17 | .7 | 2.8 | 4.3 | 2.9 | 4.7 | 2.8 | 3.0 | 5.3 | 9.0 | 27.7 | 36.9 | 8.0 | 900 |
| | 18-20 | 4.3 | 3.6 | 4.0 | 4.3 | 3.4 | 3.3 | 3.8 | 5.9 | 6.6 | 13.4 | 47.3 | 7.7 | 900 |
| | 21-23 | 6.0 | 5.6 | 4.2 | 4.2 | 4.1 | 3.7 | 2.4 | 5.7 | 4.0 | 10.3 | 49.8 | 7.4 | 900 |
| TOTALS | | 3.5 | 3.9 | 4.5 | 4.0 | 3.9 | 3.0 | 3.3 | 5.1 | 6.8 | 18.3 | 44.0 | 7.7 | 7200 |

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAG

SKY COVER

25206 PRINCE GEORGE A C OUT APT

57-66

DEC

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|--------|----------------|---|-----|-----|-----|-----|-----|-----|-----|-----|------|------|--------------------------------|------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| DEC | 00-02 | 6.9 | 4.5 | 4.1 | 3.9 | 3.2 | 2.5 | 3.2 | 3.4 | 5.4 | 13.0 | 49.9 | 7.5 | 930 |
| | 03-05 | 5.5 | 4.0 | 5.3 | 3.5 | 4.3 | 5.0 | 2.7 | 3.0 | 5.8 | 10.1 | 52.8 | 7.6 | 930 |
| | 06-08 | 2.8 | 4.6 | 5.3 | 3.7 | 3.2 | 2.4 | 3.3 | 4.4 | 6.5 | 14.3 | 49.0 | 7.8 | 930 |
| | 09-11 | .3 | 3.0 | 3.1 | 5.3 | 3.9 | 2.4 | 2.8 | 4.7 | 8.2 | 27.2 | 39.1 | 8.0 | 930 |
| | 12-14 | .3 | 4.4 | 4.2 | 3.1 | 1.9 | 2.6 | 2.7 | 3.4 | 7.8 | 30.1 | 39.4 | 8.1 | 930 |
| | 15-17 | .4 | 3.4 | 3.8 | 3.7 | 3.3 | 2.5 | 2.5 | 4.4 | 8.7 | 26.7 | 40.2 | 8.1 | 930 |
| | 18-20 | 4.6 | 3.0 | 4.1 | 3.5 | 3.1 | 2.4 | 3.0 | 4.6 | 7.0 | 13.1 | 51.5 | 7.9 | 930 |
| | 21-23 | 6.6 | 2.9 | 4.7 | 5.4 | 2.9 | 2.8 | 2.6 | 4.3 | 5.9 | 11.4 | 50.3 | 7.5 | 930 |
| TOTALS | | 1.5 | 3.7 | 4.3 | 4.0 | 3.2 | 2.6 | 2.9 | 4.0 | 6.9 | 18.3 | 46.5 | 7.8 | 7440 |

USAFETAC

FORM
JUL 62

0 9 5 (OL1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
EMC/USAF
AIR WEATHER SERVICE (HAC)
ASHEVILLE, NORTH CAROLINA

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:

- a. Daily maximum temperature
- b. Daily minimum temperature
- c. Daily mean temperature

DATA NOT AVAILABLE

2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

3. Hourly percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb versus dry-bulb temperature. It is spread horizontally by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computations for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity readings were not reported prior to 1949, nor subsequent to June 1958; and was computed by machine means for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
 - a. Dry-bulb temperature
 - b. Wet-bulb temperature
 - c. Dew-point temperature
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

PSYCHROMETRIC SUMMARY

FEARS

ALL

PAGE

AL.

W. H. S. S. T.

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USAFETAC FORM 0-26-5 (OL A) REVISID PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

A11

STAY ON

STATION NAME

YEARS

54-1947-1

PAGE 2

All

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100-100000-1000000

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USAFETAC FORM 0-26.5 (OL A) JUL 84
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

21-66

411

PAGE 3

41

$\frac{d}{dt} \left(\frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$

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USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAG
AIR WEATHER SERVICE/MAC

YEARS

57-66

IAN

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PAGE 1

ALL

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2

DATA PROCESSING DIVISION
USAF ETAP
AIR LEADER SERVICE/HAC

PSYCHROMETRIC SUMMARY

25206 PRINCE GEORGE H C DHT APT
STATION

57-66

YEARS

JAN
MONTH

PAGE 2

ALL
HOURS (L, S, T)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|------|-----|-----|----|----|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| -20/-21 | .8 | | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 73 | 72 | 76 | 123 |
| -22/-23 | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 50 | 51 | 122 |
| -24/-25 | .9 | | .0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 70 | 70 | 70 | 91 |
| -26/-27 | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 54 | 54 | 54 | 104 |
| -28/-29 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 40 | 41 | 40 | 81 |
| -30/-31 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 27 | 28 | 27 | 69 |
| -32/-33 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 17 | 20 | 17 | 43 |
| -34/-35 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 8 | 5 | 30 |
| -36/-37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | | 14 |
| -38/-39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | | 7 |
| -40/-41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | | 1 |
| -42/-43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | | |
| -44/-45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | 1 |
| TOTAL | 15.5 | 33.5 | 8.1 | 2.4 | .4 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 7397 | 7440 | 7397 | |

| Element (X) | Σx^2 | Σx | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
| Rel. Hum. | 51180223 | 610365 | 82.5 | 10.416 | 7395 | $\leq 0 F$ | $\leq 32 F$ | $\geq 67 F$ | $\geq 73 F$ | $\geq 80 F$ | $\geq 93 F$ | |
| Dry Bulb | 3890113 | 101551 | 13.6 | 18.347 | 7440 | 184.6 | 630.2 | | | | | 744 |
| Wet Bulb | 3468809 | 96899 | 13.1 | 17.245 | 7397 | 183.9 | 663.8 | | | | | 744 |
| Dew Point | 3118314 | 69926 | 9.5 | 18.228 | 7397 | 224.8 | 716.1 | | | | | 744 |

USAFETAC FORM 0-26-5 (OL A) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25206 PRINCE GEORGE B C DOT APT
STATION NAME

57-66

FFB

MONTH

PAGE 1

ALL

MOLES 5 *

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | |
|--------------|-------------------------------------|---|---|---|---|---|---|---|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|----|-------|------|-----------|----------|----------|-----------|-----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 54/ 53 | | | | | | | | | .0 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | |
| 52/ 51 | | | | | | | | | .1 | | | | | | | | | | | | | | | | | | | | | | | | 8 | 8 | | | |
| 50/ 49 | | | | | | | | | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | 14 | 14 | | | |
| 48/ 47 | | | | | | | | | .3 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | 62 | 62 | | | |
| 46/ 45 | | | | | | | | | .3 | .4 | .0 | | | | | | | | | | | | | | | | | | | | | | 54 | 54 | 2 | | |
| 44/ 43 | | | | | | | | | .2 | .8 | .4 | | | | | | | | | | | | | | | | | | | | | | 96 | 96 | 6 | | |
| 42/ 41 | | | | | | | | | .0 | .2 | .5 | 1.0 | .7 | .0 | | | | | | | | | | | | | | | | | | | 170 | 170 | 47 | 1 | |
| 40/ 39 | | | | | | | | | .2 | .4 | 1.3 | 1.2 | .4 | | | | | | | | | | | | | | | | | | | | 255 | 255 | 120 | 29 | |
| 38/ 37 | | | | | | | | | .1 | 1.5 | 2.1 | 1.0 | .1 | .0 | | | | | | | | | | | | | | | | | | | 335 | 335 | 178 | 30 | |
| 36/ 35 | | | | | | | | | .7 | 2.0 | 2.3 | .9 | .1 | | | | | | | | | | | | | | | | | | | | | 414 | 414 | 441 | 118 |
| 34/ 33 | | | | | | | | | 1.3 | 3.4 | 2.0 | .5 | .0 | | | | | | | | | | | | | | | | | | | | | 492 | 492 | 490 | 297 |
| 32/ 31 | | | | | | | | | 1.1 | 2.9 | 2.2 | .3 | | | | | | | | | | | | | | | | | | | | | | 447 | 447 | 580 | 416 |
| 30/ 29 | | | | | | | | | 1.3 | 3.2 | 2.1 | .3 | | | | | | | | | | | | | | | | | | | | | | 462 | 462 | 458 | 459 |
| 28/ 27 | | | | | | | | | .8 | 2.7 | 1.6 | .0 | | | | | | | | | | | | | | | | | | | | | | 347 | 347 | 474 | 471 |
| 26/ 25 | | | | | | | | | 1.4 | 3.2 | .9 | .0 | | | | | | | | | | | | | | | | | | | | | | 376 | 376 | 448 | 454 |
| 24/ 23 | | | | | | | | | 1.4 | 2.5 | .8 | | | | | | | | | | | | | | | | | | | | | | | 319 | 319 | 422 | 469 |
| 22/ 21 | | | | | | | | | 1.6 | 2.5 | .5 | .0 | | | | | | | | | | | | | | | | | | | | | | 309 | 309 | 312 | 435 |
| 20/ 19 | | | | | | | | | 1.7 | 2.1 | .5 | .0 | | | | | | | | | | | | | | | | | | | | | | 291 | 291 | 333 | 388 |
| 18/ 17 | | | | | | | | | 1.6 | 1.9 | .3 | | | | | | | | | | | | | | | | | | | | | | | 252 | 252 | 276 | 385 |
| 16/ 15 | | | | | | | | | 1.7 | 1.5 | .2 | | | | | | | | | | | | | | | | | | | | | | | 232 | 232 | 268 | 296 |
| 14/ 13 | | | | | | | | | 1. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

2

DATA PROCESSING DIVISION
USAF ETAP
AIR EATER SERVICE/AC

PSYCHROMETRIC SUMMARY

25206 PRINCE GEORGE D C DDT APT
STATION STATION NAME

57-66

YEARS

FEB

MONTH

PAGE 2

ALL

HOURS 24.0

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| -14/-15 | .2 | .0 | | | | | | | | | | | | | | | | 18 | 18 | 17 | 44 | | | | | | | | | | | | | | | |
| -16/-17 | .3 | .0 | | | | | | | | | | | | | | | | 25 | 25 | 25 | 42 | | | | | | | | | | | | | | | |
| -18/-19 | .4 | .0 | | | | | | | | | | | | | | | | 29 | 29 | 29 | 31 | | | | | | | | | | | | | | | |
| -20/-21 | .5 | | | | | | | | | | | | | | | | | 23 | 23 | 24 | 24 | | | | | | | | | | | | | | | |
| -22/-23 | .7 | | | | | | | | | | | | | | | | | 12 | 12 | 12 | 33 | | | | | | | | | | | | | | | |
| -24/-25 | .8 | .0 | | | | | | | | | | | | | | | | 7 | 7 | 6 | 20 | | | | | | | | | | | | | | | |
| -26/-27 | .9 | | | | | | | | | | | | | | | | | 8 | 8 | 9 | 18 | | | | | | | | | | | | | | | |
| -28/-29 | 1.1 | | | | | | | | | | | | | | | | | 10 | 11 | 10 | 9 | | | | | | | | | | | | | | | |
| -30/-31 | .0 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 10 | | | | | | | | | | | | | | | |
| -32/-33 | .0 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 11 | | | | | | | | | | | | | | | |
| -34/-35 | .0 | | | | | | | | | | | | | | | | | 1 | 2 | 1 | 1 | | | | | | | | | | | | | | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | 2 | | 5 | | | | | | | | | | | | | | | |
| -40/-41 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | |
| -42/-43 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | |
| TOTAL | 13.2 | 38.7 | 18.2 | 6.7 | 2.8 | .4 | | | | | | | | | | | | 6764 | 6768 | | 6764 | | | | | | | | | | | | | | | |

| Element (X) | $\sum x^2$ | $\sum x$ | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|------------|----------|-----------|------------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
| Rel. Hum. | 42594830 | 529160 | 78.2 | 13.275 | 6763 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Dry Bulb | 4833284 | 151646 | 22.4 | 14.565 | 6768 | 56.2 | 483.2 | | | | | 672 |
| Wet Bulb | 4109793 | 140047 | 20.7 | 13.377 | 6764 | 56.9 | 544.4 | | | | | 672 |
| Dew Point | 3108343 | 110229 | 16.3 | 13.928 | 6764 | 96.5 | 624.8 | | | | | 672 |

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25206 PRINCE GEORGE AFB DUT APT

57-66

MAR

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS U.S.T.

| Temp. F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|-----------|----------|----------|-----------|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | |
| 62/ 61 | | | | | | | | | .0 | | | | | | | | | 1 | 1 | | | | | | | | |
| 60/ 59 | | | | | | | | | .0 | | | | | | | | | 1 | 1 | | | | | | | | |
| 58/ 57 | | | | | | .1 | .0 | .1 | | | | | | | | | | 11 | 11 | | | | | | | | |
| 56/ 55 | | | | | .0 | .1 | .1 | .1 | | | | | | | | | | 20 | 20 | | | | | | | | |
| 54/ 53 | | | | | .0 | .1 | .1 | .0 | | | | | | | | | | 24 | 24 | | | | | | | | |
| 52/ 51 | | | | .0 | .1 | .3 | .1 | | | | | | | | | | | 50 | 50 | | | | | | | | |
| 50/ 49 | | | .0 | .1 | .4 | .5 | .1 | .0 | | | | | | | | | | 89 | 89 | | | | | | | | |
| 48/ 47 | | | .0 | .1 | .5 | .6 | .2 | | | | | | | | | | | 107 | 107 | 11 | | | | | | | |
| 46/ 45 | | .1 | .1 | .4 | .9 | .4 | .1 | | | | | | | | | | | 151 | 151 | 24 | | | | | | | |
| 44/ 43 | | .1 | .2 | .9 | 1.3 | .6 | .1 | | | | | | | | | | | 238 | 238 | 60 | 5 | | | | | | |
| 42/ 41 | .1 | .1 | .5 | 1.3 | 1.5 | .6 | | | | | | | | | | | | 312 | 312 | 92 | 7 | | | | | | |
| 40/ 39 | .1 | .6 | 1.2 | 2.1 | 1.5 | .1 | | | | | | | | | | | | 415 | 415 | 191 | 31 | | | | | | |
| 38/ 37 | .2 | 1.3 | 2.2 | 2.3 | .6 | .0 | | | | | | | | | | | | 496 | 496 | 321 | 58 | | | | | | |
| 36/ 35 | .4 | 2.3 | 3.2 | 1.5 | .3 | | | | | | | | | | | | | 579 | 579 | 533 | 145 | | | | | | |
| 34/ 33 | .8 | 3.6 | 3.2 | 1.5 | .1 | | | | | | | | | | | | | 689 | 689 | 741 | 249 | | | | | | |
| 32/ 31 | 1.2 | 3.5 | 3.1 | .7 | .0 | | | | | | | | | | | | | 632 | 632 | 922 | 498 | | | | | | |
| 30/ 29 | 1.7 | 4.4 | 2.7 | .6 | .0 | | | | | | | | | | | | | 699 | 699 | 839 | 635 | | | | | | |
| 28/ 27 | 1.2 | 4.2 | 1.5 | .3 | .0 | | | | | | | | | | | | | 538 | 538 | 743 | 694 | | | | | | |
| 26/ 25 | 1.1 | 3.0 | 1.2 | .3 | .0 | | | | | | | | | | | | | 420 | 420 | 611 | 763 | | | | | | |
| 24/ 23 | .6 | 2.2 | .9 | .2 | .0 | | | | | | | | | | | | | 294 | 294 | 380 | 769 | | | | | | |
| 22/ 21 | .5 | 1.9 | .5 | .1 | | | | | | | | | | | | | | 225 | 225 | 291 | 675 | | | | | | |
| 20/ 19 | .8 | 1.9 | .6 | .2 | | | | | | | | | | | | | | 260 | 260 | 298 | 505 | | | | | | |
| 18/ 17 | .6 | 1.2 | .3 | .2 | | | | | | | | | | | | | | 174 | 174 | 218 | 400 | | | | | | |
| 16/ 15 | .5 | 1.1 | .5 | .0 | | | | | | | | | | | | | | 162 | 162 | 185 | 326 | | | | | | |
| 14/ 13 | .4 | .9 | .4 | | | | | | | | | | | | | | | 126 | 126 | 137 | 240 | | | | | | |
| 12/ 11 | .5 | .8 | .3 | | | | | | | | | | | | | | | 113 | 113 | 149 | 195 | | | | | | |
| 10/ 9 | .8 | .7 | .1 | | | | | | | | | | | | | | | 120 | 120 | 132 | 148 | | | | | | |
| 8/ 7 | .3 | .7 | .0 | | | | | | | | | | | | | | | 82 | 82 | 105 | 151 | | | | | | |
| 6/ 5 | .2 | .7 | .0 | | | | | | | | | | | | | | | 73 | 73 | 75 | 138 | | | | | | |
| 4/ 3 | .1 | .6 | .0 | | | | | | | | | | | | | | | 66 | 66 | 76 | 90 | | | | | | |
| 2/ 1 | .3 | .9 | .0 | | | | | | | | | | | | | | | 62 | 62 | 70 | 82 | | | | | | |
| 0/ -1 | .3 | .3 | .0 | | | | | | | | | | | | | | | 46 | 46 | 60 | 69 | | | | | | |
| -2/ -3 | .3 | .3 | .0 | | | | | | | | | | | | | | | 42 | 42 | 46 | 71 | | | | | | |
| Element (X) | Σ x ² | | Σ x | | x̄ | | s _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAL
AIR - EATER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25204 PRINCE GEORGE B C 00T APT

57-66

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1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS: 9:00 A.M. - 5:00 P.M.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| -4/-5 | .3 | .2 | | | | | | | | | | | | | | | | 37 | 37 | 39 | 71 | | | | | | | | | | | | | | |
| -6/-7 | .2 | .1 | | | | | | | | | | | | | | | | 22 | 22 | 25 | 90 | | | | | | | | | | | | | | |
| -8/-9 | .2 | .1 | | | | | | | | | | | | | | | | 16 | 16 | 19 | 100 | | | | | | | | | | | | | | |
| -10/-11 | .1 | .1 | | | | | | | | | | | | | | | | 15 | 15 | 13 | 64 | | | | | | | | | | | | | | |
| -12/-13 | .1 | .1 | | | | | | | | | | | | | | | | 7 | 9 | 11 | 57 | | | | | | | | | | | | | | |
| -14/-15 | .1 | .0 | | | | | | | | | | | | | | | | 11 | 11 | 11 | 38 | | | | | | | | | | | | | | |
| -16/-17 | .0 | .0 | | | | | | | | | | | | | | | | 4 | 4 | 4 | 23 | | | | | | | | | | | | | | |
| -18/-19 | .0 | | | | | | | | | | | | | | | | | 2 | 2 | 3 | 7 | | | | | | | | | | | | | | |
| -20/-21 | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 23 | | | | | | | | | | | | | | |
| -22/-23 | .0 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 12 | | | | | | | | | | | | | | |
| -24/-25 | .0 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 1 | | | | | | | | | | | | | | |
| -26/-27 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| -28/-29 | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | | | | |
| -30/-31 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| TOTAL | 4.337 | 6.22 | 8.13 | 1.1 | 7.5 | 3.5 | 1.0 | .2 | .0 | .0 | | | | | | | | 7440 | 7440 | 7440 | 7440 | | | | | | | | | | | | | | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-------------|------------|-----------|--------|----------|------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------|
| | | | | | | $\leq 0^\circ \text{F}$ | $\leq 32^\circ \text{F}$ | $\leq 67^\circ \text{F}$ | $\leq 73^\circ \text{F}$ | $\leq 80^\circ \text{F}$ | $\leq 93^\circ \text{F}$ | |
| Rel. Hum. | 39.58465 | 524929 | 70.61 | 7.265 | 7439 | | | | | | | 744 |
| Dry Bulb | 7364631 | 216793 | 29.11 | 11.867 | 7440 | 21.0 | 425.6 | | | | | 744 |
| Wet Bulb | 5857478 | 194012 | 26.11 | 10.359 | 7440 | 23.6 | 546.7 | | | | | 744 |
| Dew Point | 3972894 | 148398 | 20.01 | 1.623 | 7440 | 63.6 | 694.5 | | | | | 744 |

PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

51-65

YEARS

PAGE 2

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PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

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FORM
JUL 64
0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

1.66

YEARS

Page 2

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USAFETAC
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0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

51-66

YEARS

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Page

4911

“O RS. S. S.”

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | |
|--------------|-------------------------------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | |
| 72 | 9 | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | | | |
| 71 | 8 | | | | | | | | | | | | | | | | | 6 | | | | | | | | | | | | | | | | |
| 38 | 8 | | | | | | | | | | | | | | | | | 15 | | | | | | | | | | | | | | | | |
| 36 | 8 | | | | | | | | | | | | | | | | | 31 | | | | | | | | | | | | | | | | |
| 34 | 8 | | | | | | | | | | | | | | | | | 58 | | | | | | | | | | | | | | | | |
| 32 | 8 | | | | | | | | | | | | | | | | | 84 | | | | | | | | | | | | | | | | |
| 30 | 7 | | | | | | | | | | | | | | | | | 148 | | | | | | | | | | | | | | | | |
| 78 | 7 | | | | | | | | | | | | | | | | | 109 | | | | | | | | | | | | | | | | |
| 76 | 7 | | | | | | | | | | | | | | | | | 199 | | | | | | | | | | | | | | | | |
| 74 | 7 | | | | | | | | | | | | | | | | | 200 | | | | | | | | | | | | | | | | |
| 72 | 7 | | | | | | | | | | | | | | | | | 307 | | | | | | | | | | | | | | | | |
| 70 | 6 | | | | | | | | | | | | | | | | | 313 | | | | | | | | | | | | | | | | |
| 68 | 6 | | | | | | | | | | | | | | | | | 346 | | | | | | | | | | | | | | | | |
| 66 | 6 | | | | | | | | | | | | | | | | | 411 | | | | | | | | | | | | | | | | |
| 64 | 6 | | | | | | | | | | | | | | | | | 417 | | | | | | | | | | | | | | | | |
| 62 | 6 | | | | | | | | | | | | | | | | | 442 | | | | | | | | | | | | | | | | |
| 60 | 6 | | | | | | | | | | | | | | | | | 504 | | | | | | | | | | | | | | | | |
| 58 | 5 | | | | | | | | | | | | | | | | | 555 | | | | | | | | | | | | | | | | |
| 56 | 5 | | | | | | | | | | | | | | | | | 619 | | | | | | | | | | | | | | | | |
| 54 | 5 | | | | | | | | | | | | | | | | | 689 | | | | | | | | | | | | | | | | |
| 52 | 5 | | | | | | | | | | | | | | | | | 755 | | | | | | | | | | | | | | | | |
| 50 | 4 | | | | | | | | | | | | | | | | | 827 | | | | | | | | | | | | | | | | |
| 48 | 4 | | | | | | | | | | | | | | | | | 909 | | | | | | | | | | | | | | | | |
| 46 | 4 | | | | | | | | | | | | | | | | | 1057 | | | | | | | | | | | | | | | | |
| 44 | 4 | | | | | | | | | | | | | | | | | 1225 | | | | | | | | | | | | | | | | |
| 42 | 4 | | | | | | | | | | | | | | | | | 1417 | | | | | | | | | | | | | | | | |
| 40 | 4 | | | | | | | | | | | | | | | | | 1739 | | | | | | | | | | | | | | | | |
| 38 | 3 | | | | | | | | | | | | | | | | | 2087 | | | | | | | | | | | | | | | | |
| 36 | 3 | | | | | | | | | | | | | | | | | 2581 | | | | | | | | | | | | | | | | |
| 34 | 3 | | | | | | | | | | | | | | | | | 3145 | | | | | | | | | | | | | | | | |
| 32 | 3 | | | | | | | | | | | | | | | | | 3795 | | | | | | | | | | | | | | | | |
| 30 | 2 | | | | | | | | | | | | | | | | | 4537 | | | | | | | | | | | | | | | | |
| 28 | 2 | | | | | | | | | | | | | | | | | 5379 | | | | | | | | | | | | | | | | |
| 26 | 2 | | | | | | | | | | | | | | | | | 6329 | | | | | | | | | | | | | | | | |
| Element (X) | Σx^2 | Σx | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F | Total | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

27 66

YEARS

$$f_{\alpha} = f_{\alpha}^{\alpha} = 0$$

PAGE 2

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PSYCHROMETRIC SUMMARY

21-65

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$\theta_{\text{max}} = 90^\circ$

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HOURS: 10 A.M. - 5 P.M.

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PSYCHROMETRIC SUMMARY

YEARS

MONTH

PAGE 2

MOSES L. S. T.

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WIRTSCHAFTS- UND VERKEHRSGESAMTSCHAFT

PSYCHROMETRIC SUMMARY

21-61

YEARS

PAGE

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USAFETAC FORM 0265 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

1-65

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STATION

STATION NAME

YEARS

MONTH

PAGE 1

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ALL
HOURS : L. S. T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------------|-----------|------------|----------|------------------------------------|----------|----------|----------|----------|----------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 72 | 7 | | | | | | | | | | | | | | | | | 2 | | | | | | |
| 70 | 6.9 | | | | | | | | | | | | | | | | | 1 | | | | | | |
| 68 | 6.7 | | | | | | | | | | | | | | | | | 14 | | | | | | |
| 66 | 6.5 | | | | | | | | | | | | | | | | | 40 | | | | | | |
| 64 | 6.3 | | | | | | | | | | | | | | | | | 40 | | | | | | |
| 62 | 6 | | | | | | | | | | | | | | | | | 62 | | | | | | |
| 60 | 5.7 | | | | | | | | | | | | | | | | | 92 | | | | | | |
| 58 | 5.3 | | | | | | | | | | | | | | | | | 149 | | | | | | |
| 56 | 5.5 | | | | | | | | | | | | | | | | | 163 | | | | | | |
| 54 | 5.3 | | | | | | | | | | | | | | | | | 219 | | | | | | |
| 52 | 5.1 | | | | | | | | | | | | | | | | | 240 | | | | | | |
| 50 | 4.9 | | | | | | | | | | | | | | | | | 351 | | | | | | |
| 48 | 4.7 | | | | | | | | | | | | | | | | | 477 | | | | | | |
| 46 | 4.2 | | | | | | | | | | | | | | | | | 619 | | | | | | |
| 44 | 4.4 | | | | | | | | | | | | | | | | | 671 | | | | | | |
| 42 | 4.1 | | | | | | | | | | | | | | | | | 592 | | | | | | |
| 40 | 3.9 | | | | | | | | | | | | | | | | | 695 | | | | | | |
| 38 | 3.7 | | | | | | | | | | | | | | | | | 530 | | | | | | |
| 36 | 3.5 | | | | | | | | | | | | | | | | | 517 | | | | | | |
| 34 | 3.3 | | | | | | | | | | | | | | | | | 531 | | | | | | |
| 32 | 3.1 | | | | | | | | | | | | | | | | | 480 | | | | | | |
| 30 | 2.9 | | | | | | | | | | | | | | | | | 388 | | | | | | |
| 28 | 2.7 | | | | | | | | | | | | | | | | | 221 | | | | | | |
| 26 | 2.5 | | | | | | | | | | | | | | | | | 147 | | | | | | |
| 24 | 2.3 | | | | | | | | | | | | | | | | | 65 | | | | | | |
| 22 | 2.1 | | | | | | | | | | | | | | | | | 46 | | | | | | |
| 20 | 1.9 | | | | | | | | | | | | | | | | | 26 | | | | | | |
| 18 | 1.7 | | | | | | | | | | | | | | | | | 23 | | | | | | |
| 16 | 1.5 | | | | | | | | | | | | | | | | | 17 | | | | | | |
| 14 | 1.3 | | | | | | | | | | | | | | | | | 13 | | | | | | |
| 12 | 1.1 | | | | | | | | | | | | | | | | | 10 | | | | | | |
| 10 | .9 | | | | | | | | | | | | | | | | | 1 | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | ΣX^2 | ΣX | \bar{X} | σ_X | No. Obs. | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | ≤ 0 F | > 32 F | > 67 F | > 73 F | > 80 F | > 93 F | | | | | Total | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

22 - 60

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HOURS: 10 A.M. - 5 P.M.

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USAFETAC FORM 0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

27-66

YEARS

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USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PRINCE GEORGE APT, BRITISH COLUMBIA, CANADA, REVISED UNIFORM SU--ETC (11)
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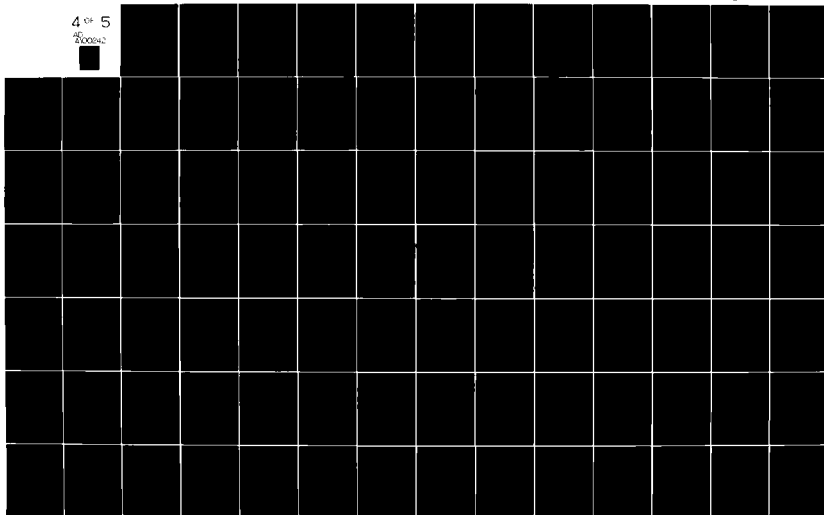
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DATA PROCESSING DIVISION
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USAFETAC FORM 0-26.5 (OL A)
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DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

25276 PRINCE GEORGE I. C. BUT APT

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PAGE 2 0000-0200

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| -22/-23 | .5 | | | | | | | | | | | | | | | | | 6 | 6 | 6 | 11 | | | | | | | | | | | | | | |
| -24/-25 | 1.4 | | | | | | | | | | | | | | | | | 12 | 13 | 13 | 11 | | | | | | | | | | | | | | |
| -26/-27 | 1.7 | | | | | | | | | | | | | | | | | 16 | 16 | 16 | 15 | | | | | | | | | | | | | | |
| -28/-29 | .5 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 19 | | | | | | | | | | | | | | |
| -30/-31 | .5 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 9 | | | | | | | | | | | | | | |
| -32/-33 | .3 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 6 | | | | | | | | | | | | | | |
| -34/-35 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 5 | | | | | | | | | | | | | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| -38/-39 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| -40/-41 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| -42/-43 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| TOTAL | 92.8 | 1.5 | 7.3 | 2.2 | .3 | | | | | | | | | | | | | 924 | 930 | 924 | 924 | | | | | | | | | | | | | | |
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DATA PROCESSING DIVISION
USAF ETAG
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

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| 25206 | PRINCE GEORGE B C DOT APT |
| STATION | STATION NAME |

57-66

JAN
MONTH

PAGE 1 0300-0500
HOURS: S. T.

USAFETAC FORM 0-26.5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAG
AIR FATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25206 PRINCE GEORGE B C OUT APT
STATION STATION NAME

57-66

MON

PAGE 2 C300-0500

HOURS L E T

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|--------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | |
| -24/-25 | 1.3 | | | | | | | | | | | | | | | | | 12 | 12 | 12 | 9 | | | | | | | | | | | | | | | | |
| -26/-27 | 1.2 | | | | | | | | | | | | | | | | | 11 | 11 | 11 | 15 | | | | | | | | | | | | | | | | |
| -28/-29 | 1.5 | | | | | | | | | | | | | | | | | 14 | 14 | 14 | 17 | | | | | | | | | | | | | | | | |
| -30/-31 | .8 | | | | | | | | | | | | | | | | | 7 | 7 | 7 | 16 | | | | | | | | | | | | | | | | |
| -32/-33 | .4 | | | | | | | | | | | | | | | | | 4 | 5 | 4 | 10 | | | | | | | | | | | | | | | | |
| -34/-35 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 5 | | | | | | | | | | | | | | | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | 5 | | 2 | | | | | | | | | | | | | | | | |
| -38/-39 | | | | | | | | | | | | | | | | | | | 3 | | 2 | | | | | | | | | | | | | | | | |
| -40/-41 | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | |
| -42/-43 | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | |
| TOTAL | 3.4 | 26.3 | 9.1 | 1.0 | .1 | | | | | | | | | | | | | | 919 | 930 | 919 | | | | | | | | | | | | | | | | |
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2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25206 PRINCE GEORGE A C UNIT APT

57-66

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800
HOURS 11 5 7

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B. W.B. | TOTAL | |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|-------|----------|----|----------|--|--------------------|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 31 | Dry Bulb | | Wet Bulb | | Dew Point | | |
| 42/ 41 | | | .5 | .7 | | | | | | | | | | | | | | 11 | 11 | | | | | |
| 40/ 39 | | .1 | .7 | .2 | | | | | | | | | | | | | | 9 | 9 | | | | | |
| 38/ 37 | | 1.0 | 1.3 | .2 | | | | | | | | | | | | | | 23 | 23 | 13 | | | | |
| 36/ 35 | .1 | 1.6 | 2.2 | | | | | | | | | | | | | | | 36 | 36 | 20 | | 2 | | |
| 34/ 33 | 1.3 | 2.5 | .9 | | | | | | | | | | | | | | | 43 | 43 | 54 | | 23 | | |
| 32/ 31 | 2.0 | 3.1 | .5 | | | | | | | | | | | | | | | 51 | 51 | 55 | | 57 | | |
| 30/ 29 | 1.4 | 3.1 | .5 | | | | | | | | | | | | | | | 46 | 46 | 55 | | 43 | | |
| 28/ 27 | 1.7 | 3.0 | .3 | | | | | | | | | | | | | | | 46 | 46 | 44 | | 36 | | |
| 26/ 25 | 2.0 | 2.4 | .3 | | | | | | | | | | | | | | | 43 | 43 | 51 | | 51 | | |
| 24/ 23 | 1.6 | 2.2 | | | | | | | | | | | | | | | | 35 | 35 | 34 | | 42 | | |
| 22/ 21 | 1.2 | .4 | | | | | | | | | | | | | | | | 15 | 15 | 31 | | 38 | | |
| 20/ 19 | 3.9 | 1.2 | | | | | | | | | | | | | | | | 47 | 47 | 40 | | 30 | | |
| 18/ 17 | 2.3 | .5 | | | | | | | | | | | | | | | | 26 | 26 | 34 | | 44 | | |
| 16/ 15 | 3.1 | .9 | | | | | | | | | | | | | | | | 36 | 36 | 35 | | 30 | | |
| 14/ 13 | 3.1 | .3 | | | | | | | | | | | | | | | | 31 | 31 | 30 | | 41 | | |
| 12/ 11 | 3.2 | .8 | | | | | | | | | | | | | | | | 36 | 36 | 33 | | 26 | | |
| 10/ 9 | 3.0 | .2 | | | | | | | | | | | | | | | | 29 | 29 | 32 | | 31 | | |
| 8/ 7 | 1.3 | .1 | | | | | | | | | | | | | | | | 13 | 13 | 14 | | 27 | | |
| 6/ 5 | 3.6 | .3 | | | | | | | | | | | | | | | | 36 | 36 | 35 | | 21 | | |
| 4/ 3 | 2.2 | .7 | | | | | | | | | | | | | | | | 26 | 26 | 25 | | 23 | | |
| 2/ 1 | 2.6 | .8 | | | | | | | | | | | | | | | | 31 | 31 | 33 | | 30 | | |
| 0/ -1 | 3.2 | .5 | | | | | | | | | | | | | | | | 34 | 34 | 33 | | 19 | | |
| -2/ -3 | 1.4 | .4 | | | | | | | | | | | | | | | | 17 | 17 | 15 | | 28 | | |
| -4/ -5 | 1.9 | .1 | | | | | | | | | | | | | | | | 15 | 15 | 18 | | 27 | | |
| -6/ -7 | .7 | .2 | | | | | | | | | | | | | | | | 8 | 8 | 7 | | 24 | | |
| -8/ -9 | 1.3 | .2 | | | | | | | | | | | | | | | | 14 | 14 | 16 | | 13 | | |
| -10/ -11 | 2.6 | .3 | | | | | | | | | | | | | | | | 27 | 27 | 27 | | 8 | | |
| -12/ -13 | 1.3 | | | | | | | | | | | | | | | | | 12 | 12 | 12 | | 16 | | |
| -14/ -15 | 1.9 | | | | | | | | | | | | | | | | | 17 | 17 | 17 | | 13 | | |
| -16/ -17 | .8 | .1 | | | | | | | | | | | | | | | | 8 | 8 | 7 | | 19 | | |
| -18/ -19 | 2.0 | .1 | | | | | | | | | | | | | | | | 19 | 19 | 20 | | 17 | | |
| -20/ -21 | 1.4 | | | | | | | | | | | | | | | | | 15 | 15 | 15 | | 21 | | |
| -22/ -23 | 1.6 | | | | | | | | | | | | | | | | | 15 | 15 | 15 | | 13 | | |
| -24/ -25 | 1.6 | .1 | | | | | | | | | | | | | | | | 16 | 16 | 16 | | 8 | | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | |
| Rel. Hum. | | | | | | | | | | | < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
USAF ETAC
AIR MASTER SERVICE/440

YEARS

| | |
|---------|---------------------------|
| 25246 | PRINCE GEORGE P C DUT APT |
| STATION | STATION NAME |

57-66

JA

PAGE 2 0600-0800

HOURS 11:50-5:00

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|---|----|-------|-------|-------|-------|-------|-------|-----|-------|----|-------|-------|------|-----------|----------|----------|-----------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9 | 10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23- | 24-25 | 26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| -26/-27 | .8 | | | | | | | | | | | | | | | | | | | 7 | 7 | 7 | 19 | |
| -28/-29 | .8 | | | | | | | | | | | | | | | | | | | 7 | 7 | 7 | 17 | |
| -30/-31 | .7 | | | | | | | | | | | | | | | | | | | 8 | 9 | 8 | 16 | |
| -32/-33 | .5 | | | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 10 | |
| -34/-35 | .2 | | | | | | | | | | | | | | | | | | | 2 | 4 | 2 | 7 | |
| -36/-37 | | | | | | | | | | | | | | | | | | | | | 1 | | 2 | |
| -38/-39 | | | | | | | | | | | | | | | | | | | | | 3 | | 1 | |
| -40/-41 | | | | | | | | | | | | | | | | | | | | | 5 | | | |
| -42/-43 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| -44/-45 | | | | | | | | | | | | | | | | | | | | | 2 | | | |
| TOTAL | 64.3 | 7.3 | 7.3 | 1.1 | | | | | | | | | | | | | | | | 915 | 930 | 919 | 915 | |

| Element (X) | Σx^2 | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 90 F | Total |
| Rel. Hum. | 6602172 | 77250 | 84.4 | 9.370 | 915 | | | | | | | 93 |
| Dry Bulb | 478929 | 10397 | 11.2 | 19.759 | 930 | 26.1 | 80.8 | | | | | 93 |
| Wet Bulb | 421950 | 10398 | 11.4 | 18.231 | 915 | 25.1 | 84.2 | | | | | 93 |
| Dew Point | 393786 | 7394 | 8.1 | 19.103 | 915 | 30.3 | 90.5 | | | | | 93 |

USAFETAC FORM 026.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR MEATER SERVICE/MAC

YEARS

57-66

JA'v
MONTH

PAGE 1 0900-1100
HOURS 11.5 1.1

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|-------------------------------------|-----|-----|-----|----|----|----------------|---|----------|---|------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | .2 | .7 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | .4 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | .1 | .5 | .3 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 | 10 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38/ 37 | | | .9 | 1.3 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 23 | 23 | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36/ 35 | | | 2.3 | 1.4 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 35 | 35 | 21 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34/ 33 | 1.4 | 2.8 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 46 | 46 | 52 | 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32/ 31 | 3.5 | 1.8 | 1.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 60 | 67 | 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30/ 29 | 1.1 | 3.4 | .9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 48 | 48 | 42 | 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28/ 27 | 1.7 | 3.5 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 43 | 43 | 53 | 32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | 1.7 | 2.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 40 | 40 | 54 | 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24/ 23 | 1.4 | 2.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 38 | 38 | 34 | 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22/ 21 | 1.1 | 2.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 28 | 28 | 35 | 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20/ 19 | 2.5 | 1.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 40 | 40 | 44 | 34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18/ 17 | 2.1 | 1.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 28 | 28 | 32 | 38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16/ 15 | 1.8 | .9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 25 | 25 | 25 | 38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14/ 13 | 2.3 | 1.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 34 | 34 | 28 | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/ 11 | 2.8 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 31 | 31 | 38 | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/ 9 | 2.3 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 31 | 31 | 26 | 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8/ 7 | 2.0 | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 24 | 24 | 26 | 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6/ 5 | 2.3 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 33 | 33 | 34 | 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4/ 3 | 2.1 | 1.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 30 | 30 | 27 | 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2/ 1 | 2.2 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 25 | 25 | 31 | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0/ -1 | 2.6 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 27 | 27 | 28 | 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -2/ -3 | 1.6 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 19 | 19 | 19 | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -4/ -5 | 1.1 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 12 | 11 | 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -6/ -7 | 2.0 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 21 | 21 | 21 | 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -8/ -9 | 1.8 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 24 | 24 | 23 | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -10/-11 | 1.7 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 | 18 | 18 | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -12/-13 | 1.1 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 12 | 13 | 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -14/-15 | 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | 14 | 15 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -16/-17 | 1.2 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 13 | 13 | 11 | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -18/-19 | 2.3 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 24 | 24 | 25 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -20/-21 | 1.6 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 16 | 16 | 17 | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -22/-23 | 1.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 13 | 13 | 13 | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | 2x' | | 2x | | x̄ | | σ _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC
FORM
JUL 68
0-26-5 (O.L.A.)
REPLACES PREVIOUS EDITIONS OF THIS FORM AND SUBFORMS

DATA PROCESSING DIVISION
USAF ETAG
AIR FATHER SERVICE/TAC

YEARS

27-66

JAN
MONTM

PAGE 2 0900-1100

HOURS: 5-11

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B. W.B. | TOTAL | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|-----|-----|---|--|--|--|--|--|--------------------|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | |
| -24/-25 | 1.1 | | | | | | | | | | | | | | | | | | 10 | 10 | 10 | 19 | | | | | | | | | | | |
| -26/-27 | .8 | | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 10 | | | | | | | | | | | |
| -28/-29 | .5 | | | | | | | | | | | | | | | | | | 5 | 6 | 5 | 11 | | | | | | | | | | | |
| -30/-31 | .2 | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 6 | | | | | | | | | | | |
| -32/-33 | | | | | | | | | | | | | | | | | | | | 2 | | | 3 | | | | | | | | | | |
| -34/-35 | .1 | | | | | | | | | | | | | | | | | | 1 | 2 | | 3 | | | | | | | | | | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | | 2 | | | 3 | | | | | | | | | | |
| -40/-41 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| -42/-43 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| -44/-45 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| TOTAL | 55.5 | 5.6 | 6.9 | 1.7 | .2 | | | | | | | | | | | | | | 922 | 930 | 922 | 922 | | | | | | | | | | | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-------------|------------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | ≤ 0 F | - 32 F | - 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Rel. Hum. | 6396587 | 76246 | 82.7 | 9.958 | 922 | | | | | | | 93 |
| Dry Bulb | 471503 | 11873 | 12.8 | 18.557 | 930 | 24.2 | 80.0 | | | | | 93 |
| Wet Bulb | 422173 | 11439 | 12.4 | 17.444 | 922 | 23.7 | 83.8 | | | | | 93 |
| Dew Point | 387805 | 8101 | 8.8 | 18.541 | 922 | 30.2 | 89.8 | | | | | 93 |

USAFETAC FORM 0.26-5 (OL A) JUL 04 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

25205 PRINCE GEORGE B C DUT APT

57-60

JAN.

PAGE 1 1200-1400

HOURS 5.30

| T _{air} F | | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B. W.B. | | TOTAL Dry Bulb Wet Bulb Dew Point | |
|-----------------------|------------------|-------------------------------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|------|----|----|----|--------------------|--|--------------------------------------|--|
| | | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | | | | | | |
| 46/ 45 | | | | | .3 | .2 | .1 | | | | | | | | | | | | 5 | 6 | | | | | |
| 44/ 43 | | | | | .2 | 1.1 | .2 | | | | | | | | | | | | 14 | 14 | | | | | |
| 42/ 41 | | | | .7 | .6 | .5 | | | | | | | | | | | | | 13 | 13 | | | | | |
| 40/ 39 | | | .5 | .5 | .4 | .1 | | | | | | | | | | | | | 14 | 15 | | 9 | | | |
| 38/ 37 | | | .3 | .2 | .5 | | | | | | | | | | | | | | 26 | 28 | 19 | | | | |
| 36/ 35 | | .2 | 2.7 | 1.7 | .2 | | | | | | | | | | | | | | 45 | 45 | 54 | 8 | | | |
| 34/ 33 | 1.1 | 4.2 | 1.3 | | | | | | | | | | | | | | | | 60 | 60 | 60 | 26 | | | |
| 32/ 31 | 2.1 | 3.4 | 1.6 | | | | | | | | | | | | | | | | 68 | 68 | 79 | 69 | | | |
| 30/ 28 | .8 | 3.5 | 1.8 | | | | | | | | | | | | | | | | 57 | 57 | 51 | 57 | | | |
| 28/ 27 | .3 | 3.0 | .5 | | | | | | | | | | | | | | | | 36 | 36 | 55 | 39 | | | |
| 26/ 25 | 1.4 | 2.9 | .1 | | | | | | | | | | | | | | | | 40 | 40 | 56 | 65 | | | |
| 24/ 23 | 1.2 | 2.5 | .7 | | | | | | | | | | | | | | | | 36 | 36 | 36 | 50 | | | |
| 22/ 21 | 2.7 | 2.4 | .1 | | | | | | | | | | | | | | | | 42 | 42 | 47 | 57 | | | |
| 20/ 19 | 1.4 | 1.7 | | | | | | | | | | | | | | | | | 29 | 29 | 31 | 49 | | | |
| 18/ 17 | 1.5 | 1.2 | | | | | | | | | | | | | | | | | 25 | 25 | 30 | 33 | | | |
| 16/ 15 | 1.2 | 1.4 | | | | | | | | | | | | | | | | | 24 | 24 | 23 | 32 | | | |
| 14/ 13 | 2.2 | 1.7 | .1 | | | | | | | | | | | | | | | | 37 | 37 | 35 | 28 | | | |
| 12/ 11 | 1.3 | 1.7 | | | | | | | | | | | | | | | | | 25 | 28 | 29 | 32 | | | |
| 10/ 9 | 2.3 | 2.2 | | | | | | | | | | | | | | | | | 46 | 46 | 42 | 22 | | | |
| 8/ 7 | 1.3 | 1.5 | | | | | | | | | | | | | | | | | 26 | 26 | 32 | 22 | | | |
| 6/ 5 | 1.2 | 1.3 | | | | | | | | | | | | | | | | | 23 | 23 | 24 | 35 | | | |
| 4/ 3 | 1.8 | 1.3 | | | | | | | | | | | | | | | | | 29 | 29 | 29 | 23 | | | |
| 2/ 1 | 1.1 | .4 | | | | | | | | | | | | | | | | | 13 | 13 | 16 | 29 | | | |
| 0/ -1 | 1.7 | 1.3 | | | | | | | | | | | | | | | | | 28 | 28 | 24 | 28 | | | |
| -2/ -3 | 1.5 | 1.3 | | | | | | | | | | | | | | | | | 26 | 26 | 26 | 18 | | | |
| -4/ -5 | 1.7 | .4 | | | | | | | | | | | | | | | | | 20 | 20 | 26 | 15 | | | |
| -6/ -7 | 1.2 | .3 | | | | | | | | | | | | | | | | | 18 | 18 | 15 | 25 | | | |
| -8/ -9 | 1.1 | .9 | | | | | | | | | | | | | | | | | 18 | 18 | 18 | 24 | | | |
| -10/ -11 | 1.3 | .2 | | | | | | | | | | | | | | | | | 14 | 14 | 17 | 20 | | | |
| -12/ -13 | 1.2 | .3 | | | | | | | | | | | | | | | | | 14 | 14 | 14 | 17 | | | |
| -14/ -15 | 1.9 | .4 | | | | | | | | | | | | | | | | | 22 | 22 | 22 | 17 | | | |
| -16/ -17 | 1.5 | .4 | | | | | | | | | | | | | | | | | 18 | 18 | 18 | 16 | | | |
| -18/ -19 | 1.0 | | | | | | | | | | | | | | | | | | 9 | 9 | 10 | 20 | | | |
| -20/ -21 | .3 | | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 18 | | | |
| Element (X) | Σ X ² | Σ X | \bar{X} | σ^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | |

DATA PROCESSING DIVISION
USAF ETAL
AIR EATER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25276 PRINCE GEORGE P C DUT APT

57-66

JA:

PAGE 2 1200-1400

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|-------------|-------------------------------------|------|------|-----|-----|----|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| -22/-23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 |
| -24/-25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| -26/-27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 |
| -28/-29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| -32/-33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| TOTAL | 38.8 | 45.9 | 11.9 | 3.2 | 1.1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 930 | 930 | 930 | |

Y4 AR5

25206 PRINCE GEORGE S C BDT APT

57-66

44.

PAGE 1 1500-1700

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|----------|-------|------------------------------------|-------|-------|-------|-------|-------|----|-----------|----------|----------|--------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dea P. | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | .1 | .1 | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | .1 | .1 | .1 | .2 | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | | |
| 44/ 43 | | | .1 | .4 | .3 | .1 | | | | | | | | | | | | 16 | 16 | | | | | | | | | | | | | | | | |
| 42/ 41 | | | .1 | .3 | .3 | | | | | | | | | | | | | 16 | 16 | | | | | | | | | | | | | | | | |
| 40/ 39 | | .1 | .6 | .3 | .1 | | | | | | | | | | | | | 16 | 11 | | | | | | | | | | | | | | | | |
| 38/ 37 | | 1.0 | 1.3 | 1.0 | | | | | | | | | | | | | | 30 | 30 | 24 | | | | | | | | | | | | | | | |
| 36/ 35 | .1 | 2.5 | 1.7 | .5 | | | | | | | | | | | | | | 45 | 45 | 36 | 11 | | | | | | | | | | | | | | |
| 34/ 33 | .9 | 2.9 | .3 | .1 | | | | | | | | | | | | | | 43 | 43 | 47 | 32 | | | | | | | | | | | | | | |
| 32/ 31 | 1.7 | 4.3 | 1.9 | | | | | | | | | | | | | | | 74 | 74 | 76 | 60 | | | | | | | | | | | | | | |
| 30/ 29 | 1.4 | 4.0 | 1.8 | | | | | | | | | | | | | | | 59 | 59 | 62 | 57 | | | | | | | | | | | | | | |
| 28/ 27 | .9 | 3.2 | .4 | | | | | | | | | | | | | | | 62 | 42 | 61 | 54 | | | | | | | | | | | | | | |
| 26/ 25 | 1.8 | 2.0 | .1 | | | | | | | | | | | | | | | 37 | 37 | 52 | 55 | | | | | | | | | | | | | | |
| 24/ 23 | 1.6 | 1.9 | | | | | | | | | | | | | | | | 33 | 33 | 34 | 58 | | | | | | | | | | | | | | |
| 22/ 21 | 1.9 | 2.6 | .1 | | | | | | | | | | | | | | | 43 | 43 | 37 | 56 | | | | | | | | | | | | | | |
| 20/ 19 | 2.0 | 1.5 | | | | | | | | | | | | | | | | 33 | 33 | 45 | 38 | | | | | | | | | | | | | | |
| 18/ 17 | 1.2 | 1.8 | | | | | | | | | | | | | | | | 28 | 20 | 24 | 47 | | | | | | | | | | | | | | |
| 16/ 15 | 1.6 | 1.2 | .1 | | | | | | | | | | | | | | | 27 | 27 | 31 | 22 | | | | | | | | | | | | | | |
| 14/ 13 | 2.3 | 1.4 | .4 | | | | | | | | | | | | | | | 30 | 36 | 30 | 27 | | | | | | | | | | | | | | |
| 12/ 11 | 1.5 | 1.8 | | | | | | | | | | | | | | | | 31 | 31 | 31 | 29 | | | | | | | | | | | | | | |
| 10/ 9 | 2.8 | 1.1 | | | | | | | | | | | | | | | | 30 | 30 | 43 | 28 | | | | | | | | | | | | | | |
| 8/ 7 | 1.3 | 1.2 | | | | | | | | | | | | | | | | 23 | 23 | 20 | 32 | | | | | | | | | | | | | | |
| 6/ 5 | 1.9 | 1.9 | | | | | | | | | | | | | | | | 36 | 36 | 34 | 24 | | | | | | | | | | | | | | |
| 4/ 3 | 1.5 | .9 | | | | | | | | | | | | | | | | 22 | 22 | 24 | 26 | | | | | | | | | | | | | | |
| 2/ 1 | 1.2 | 1.1 | | | | | | | | | | | | | | | | 21 | 21 | 21 | 27 | | | | | | | | | | | | | | |
| 0/ -1 | 1.5 | 1.3 | | | | | | | | | | | | | | | | 26 | 26 | 24 | 19 | | | | | | | | | | | | | | |
| -2/ -3 | 1.3 | .3 | | | | | | | | | | | | | | | | 20 | 20 | 22 | 21 | | | | | | | | | | | | | | |
| -4/ -5 | 1.4 | .5 | | | | | | | | | | | | | | | | 18 | 18 | 18 | 23 | | | | | | | | | | | | | | |
| -6/ -7 | 2.2 | .3 | | | | | | | | | | | | | | | | 23 | 23 | 23 | 28 | | | | | | | | | | | | | | |
| -8/ -9 | 1.7 | .3 | | | | | | | | | | | | | | | | 19 | 19 | 18 | 19 | | | | | | | | | | | | | | |
| -10/ -11 | 1.3 | .4 | | | | | | | | | | | | | | | | 16 | 16 | 17 | 19 | | | | | | | | | | | | | | |
| -12/ -13 | 1.2 | .3 | | | | | | | | | | | | | | | | 14 | 14 | 13 | 23 | | | | | | | | | | | | | | |
| -14/ -15 | 2.3 | .3 | | | | | | | | | | | | | | | | 24 | 24 | 24 | 17 | | | | | | | | | | | | | | |
| -16/ -17 | .9 | .1 | | | | | | | | | | | | | | | | 9 | 9 | 10 | 14 | | | | | | | | | | | | | | |
| -18/ -19 | .4 | .1 | | | | | | | | | | | | | | | | 5 | 5 | 5 | 13 | | | | | | | | | | | | | | |
| Element (X) | ΣX | | ΣX | | ΣX | | ΣX | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | Total | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dea Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DATA PROCESSING DIVISION
USAF EDA
AIR EATER SERVICE/DAF

PSYCHROMETRIC SUMMARY

252 c PRINCE GEORGE S C DET APT

57-66

2A

PAGE 2 1500-1700

[illegible]

DATA PROCESSING DIVISION
USAF ETAL
AIR REATER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25206 PRINCE GEORGE F C OUT APT

57-66

JD.

PAGE 1 1800-2000

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DATA PROCESSING DIVISION
OSAF ETA
AIR - EATER SERVICE/MAO

YEARS

57-66

J A:
1991

PAGE 2 1400-2000
HOURS

| Temp. F. | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | | |
|-------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | |
| -22/-23 | .5 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 21 | | | | | | | | | | | | | | | | |
| -24/-25 | .7 | | | | | | | | | | | | | | | | | 7 | 7 | 7 | 14 | | | | | | | | | | | | | | | | |
| -26/-27 | .6 | | | | | | | | | | | | | | | | | 6 | 6 | 6 | 9 | | | | | | | | | | | | | | | | |
| -28/-29 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 3 | | | | | | | | | | | | | | | | |
| -30/-31 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 8 | | | | | | | | | | | | | | | | |
| -32/-33 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 4 | | | | | | | | | | | | | | | | |
| -34/-35 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | |
| TOTAL | 96.1 | 33.0 | 7.1 | 3.2 | .3 | .2 | | | | | | | | | | | | 930 | 930 | 930 | 930 | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 6454392 | 76846 | 82.7 | 10.264 | 929 | ≤ 0 F | ≤ 32 F | > 67 F | > 73 F | > 80 F | > 93 F | |
| Dry Bulb | 483059 | 13447 | 14.5 | 17.626 | 930 | 22.0 | 78.4 | | | | | 93 |
| Wet Bulb | 436827 | 12635 | 13.6 | 16.877 | 930 | 22.5 | 82.5 | | | | | 93 |
| Dew Point | 392374 | 9316 | 10.0 | 17.942 | 930 | 26.7 | 88.6 | | | | | 93 |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

| | |
|---------|---------------------------|
| 25206 | PRINCE GEORGE B C DIT APT |
| STATION | STATION NAME |

57-66

104

PAGE 1 2100-2300
HOURS : S. T.

[illegible]

DATA PROCESSING DIVISION
USAF ETC
AIR EATER SERVICE/HAC

PSYCHROMETRIC SUMMARY

252-6 PRINCE GEORGE H C DUT APT
STATION NAME

57-66

JA
4444

PAGE 2 2100-2300
HOURS - 5.1.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| -22/-23 | 0.6 | | | | | | | | | | | | | | | | | 6 | 0 | 6 | 14 | | | | | | | | | | | | | | |
| -24/-25 | 1.2 | | | | | | | | | | | | | | | | | 11 | 11 | 11 | 9 | | | | | | | | | | | | | | |
| -26/-27 | 1.2 | | | | | | | | | | | | | | | | | 11 | 11 | 11 | 7 | | | | | | | | | | | | | | |
| -28/-29 | 0.6 | | | | | | | | | | | | | | | | | 7 | 7 | 7 | 9 | | | | | | | | | | | | | | |
| -30/-31 | 0.6 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 13 | | | | | | | | | | | | | | |
| -32/-33 | 0.3 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 9 | | | | | | | | | | | | | | |
| -34/-35 | | | | | | | | | | | | | | | | | | | | | 6 | | | | | | | | | | | | | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| -38/-39 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| TOTAL | 90.9 | 9.6 | 6.6 | 2.7 | .3 | .1 | | | | | | | | | | | | | 927 | 927 | 927 | | | | | | | | | | | | | | |

| Element (X) | Σx^2 | Σx | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------|
| | | | | | | $\leq 0^\circ \text{F}$ | $\leq 32^\circ \text{F}$ | $\geq 67^\circ \text{F}$ | $\geq 73^\circ \text{F}$ | $\geq 80^\circ \text{F}$ | $\geq 93^\circ \text{F}$ | |
| Rel. Hum. | 655412 | 77412 | 83.5 | 9.869 | 927 | | | | | | | |
| Dry Bulb | 472328 | 12044 | 13.0 | 18.453 | 930 | 23.7 | 79.5 | | | | | 93 |
| Wet Bulb | 428060 | 11468 | 12.4 | 17.580 | 927 | 24.2 | 83.5 | | | | | 93 |
| Dew Point | 393742 | 8272 | 8.9 | 18.587 | 927 | 28.0 | 89.0 | | | | | 93 |

DATA PROCESSING DIVISION
USAF ETAG
AIR WEATHER SERVICE/MAC

25206 PRINCE GEORGE A C OUT APT
STATION STATION NAME

57-66

E.F.R.
MONTH

PAGE 1 0000-0200
HOURS: 11:55 A.M. - 1:00 P.M.

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USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETA
AIR EATER SERVICE/MAC

YEARS

57-66

FFA
MINT

PAGE 2 0000-0200
HOLDS . S. T.

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|-------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | |
| -20/-21 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 3 | | | | | | | | | | | | | | | | |
| -22/-23 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 4 | | | | | | | | | | | | | | | | |
| -24/-25 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 2 | | | | | | | | | | | | | | | | |
| -26/-27 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 7 | | | | | | | | | | | | | | | | |
| -28/-29 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 5 | | | | | | | | | | | | | | | | |
| -32/-33 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | |
| -34/-35 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| TOTAL | 45.4 | 24.3 | 13.9 | 5.1 | 1.3 | | | | | | | | | | | | | 846 | | 846 | 846 | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-------------|------------|-----------|------------|----------|------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------|
| | | | | | | $\leq 0^\circ \text{F}$ | $\leq 32^\circ \text{F}$ | $\geq 67^\circ \text{F}$ | $\geq 73^\circ \text{F}$ | $\geq 80^\circ \text{F}$ | $\geq 93^\circ \text{F}$ | |
| Rel. Hum. | 734039 | 68937 | 81.5 | 11.749 | 846 | | | | | | | |
| Dry Bulb | 530781 | 16839 | 19.9 | 15.215 | 846 | 9.9 | 65.9 | | | | | 84 |
| Wet Bulb | 465819 | 15763 | 18.6 | 14.272 | 846 | 10.0 | 70.7 | | | | | 84 |
| Dew Point | 372861 | 12575 | 14.9 | 14.834 | 846 | 14.9 | 78.4 | | | | | 84 |

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25206 PRINCE GEORGE R C DUT APT

57-66

FE 15

PAGE 1 C300-0500

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------------|-----------|------------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 50/ 49 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | .1 | | | | | | | | | | | | | 3 | 3 | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | .1 | .1 | | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | .1 | .7 | | | | | | | | | | | | | 7 | 7 | | | | | | | | | | | | | | | | |
| 42/ 41 | | .7 | | .4 | .2 | | | | | | | | | | | | | 14 | 14 | | 7 | | | | | | | | | | | | | | |
| 40/ 39 | | .1 | 1.1 | .2 | | | | | | | | | | | | | | 12 | 12 | | 7 | | | | | | | | | | | | | | |
| 38/ 37 | | 1.5 | 1.6 | .5 | | | | | | | | | | | | | | 32 | 32 | | 10 | | | | | | | | | | | | | | |
| 36/ 35 | .7 | 2.1 | 2.0 | .4 | | | | | | | | | | | | | | 44 | 44 | | 45 | | | | | | | | | | | | | | |
| 34/ 33 | 2.6 | 2.3 | .5 | | .1 | .1 | | | | | | | | | | | | 47 | 47 | | 51 | | | | | | | | | | | | | | |
| 32/ 31 | 1.2 | 3.2 | 1.5 | | .1 | | | | | | | | | | | | | 51 | 51 | | 56 | | | | | | | | | | | | | | |
| 30/ 29 | 2.0 | 3.1 | 2.3 | | .2 | | | | | | | | | | | | | 64 | 64 | | 45 | | | | | | | | | | | | | | |
| 28/ 27 | 1.2 | 3.2 | 1.3 | | | | | | | | | | | | | | | 48 | 48 | | 58 | | | | | | | | | | | | | | |
| 26/ 25 | 1.5 | 4.3 | .4 | | | | | | | | | | | | | | | 56 | 56 | | 62 | | | | | | | | | | | | | | |
| 24/ 23 | 1.5 | 2.0 | .2 | | | | | | | | | | | | | | | 32 | 32 | | 58 | | | | | | | | | | | | | | |
| 22/ 21 | 1.8 | 3.3 | .6 | | | | | | | | | | | | | | | 46 | 46 | | 39 | | | | | | | | | | | | | | |
| 20/ 19 | 2.1 | 2.1 | | | | | | | | | | | | | | | | 36 | 36 | | 44 | | | | | | | | | | | | | | |
| 18/ 17 | 2.0 | .9 | | | | | | | | | | | | | | | | 25 | 25 | | 36 | | | | | | | | | | | | | | |
| 16/ 15 | 1.8 | .7 | | | | | | | | | | | | | | | | 21 | 21 | | 18 | | | | | | | | | | | | | | |
| 14/ 13 | 2.7 | .8 | | | | | | | | | | | | | | | | 30 | 30 | | 31 | | | | | | | | | | | | | | |
| 12/ 11 | 2.7 | 1.7 | | | | | | | | | | | | | | | | 37 | 37 | | 31 | | | | | | | | | | | | | | |
| 10/ 9 | 3.0 | 1.2 | | | | | | | | | | | | | | | | 35 | 35 | | 42 | | | | | | | | | | | | | | |
| 8/ 7 | 2.6 | .6 | | | | | | | | | | | | | | | | 27 | 27 | | 29 | | | | | | | | | | | | | | |
| 6/ 5 | 2.6 | .6 | | | | | | | | | | | | | | | | 25 | 25 | | 23 | | | | | | | | | | | | | | |
| 4/ 3 | 1.4 | .9 | | | | | | | | | | | | | | | | 20 | 20 | | 19 | | | | | | | | | | | | | | |
| 2/ 1 | 1.4 | .2 | | | | | | | | | | | | | | | | 17 | 17 | | 21 | | | | | | | | | | | | | | |
| 0/ -1 | 1.7 | .2 | | | | | | | | | | | | | | | | 16 | 16 | | 16 | | | | | | | | | | | | | | |
| -2/ -3 | 1.1 | .1 | | | | | | | | | | | | | | | | 10 | 10 | | 9 | | | | | | | | | | | | | | |
| -4/ -5 | .7 | .2 | | | | | | | | | | | | | | | | 8 | 8 | | 8 | | | | | | | | | | | | | | |
| -6/ -7 | 1.1 | .5 | | | | | | | | | | | | | | | | 13 | 13 | | 11 | | | | | | | | | | | | | | |
| -8/ -9 | .8 | .1 | | | | | | | | | | | | | | | | 8 | 8 | | 11 | | | | | | | | | | | | | | |
| -10/ -11 | 1.4 | .1 | | | | | | | | | | | | | | | | 13 | 13 | | 13 | | | | | | | | | | | | | | |
| -12/ -13 | .5 | | | | | | | | | | | | | | | | | 4 | 4 | | 4 | | | | | | | | | | | | | | |
| -14/ -15 | .9 | | | | | | | | | | | | | | | | | 5 | 5 | | 5 | | | | | | | | | | | | | | |
| -16/ -17 | .5 | | | | | | | | | | | | | | | | | 4 | 4 | | 4 | | | | | | | | | | | | | | |
| Element (X) | ΣX^2 | ΣX | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | | Total | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26.5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAF
AIR WEATHER SERVICE/AGC

PSYCHROMETRIC SUMMARY

252.0
STATIONPRINCE GEORGE H C OUT APT
STATION NAME57-66
YEARSFEE
MONTHPAGE 2 0300-0500
HOURS (L, S, T)

| Temp. F. | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|-------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-----|--|--|--|--|--|--|-------|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | |
| -10/-19 | 1.1 | | | | | | | | | | | | | | | | | 9 | 9 | 9 | 8 | | | | | | | | | | | | |
| -20/-21 | 1.2 | | | | | | | | | | | | | | | | | 10 | 10 | 10 | 4 | | | | | | | | | | | | |
| -22/-23 | .7 | | | | | | | | | | | | | | | | | 6 | 6 | 6 | 12 | | | | | | | | | | | | |
| -24/-25 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | |
| -26/-27 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 4 | | | | | | | | | | | | |
| -28/-29 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | | | | | | | | | | | |
| -30/-31 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 5 | | | | | | | | | | | | |
| -32/-33 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | |
| -34/-35 | .1 | | | | | | | | | | | | | | | | | 1 | 2 | 1 | | | | | | | | | | | | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| -40/-41 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | |
| TOTAL | 47.0 | 37.0 | 12.6 | 2.7 | .8 | | | | | | | | | | | | | | 844 | 846 | | 844 | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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USAF ETAF
FORM 0-26.5 (OL A)
JUL 64
REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAG
AIR FIGHTER SERVICE/SAC

PSYCHROMETRIC SUMMARY

25206 PRINCE GEORGE B C OUT APT
STATION NAME

57-66

FEA

PAGE 2 0606-0800
HOURS 11:50 A.M.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| -18/-19 | .7 | | | | | | | | | | | | | | | | | 6 | 6 | 7 | 8 | | | | | | | | | | | | | | | |
| -20/-21 | .6 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 9 | | | | | | | | | | | | | | | |
| -22/-23 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 1 | 6 | | | | | | | | | | | | | | | |
| -24/-25 | .2 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 2 | 4 | | | | | | | | | | | | | | | |
| -26/-27 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 3 | 7 | | | | | | | | | | | | | | | |
| -28/-29 | .0 | | | | | | | | | | | | | | | | | 7 | 8 | 7 | 3 | | | | | | | | | | | | | | | |
| -30/-31 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 3 | | | | | | | | | | | | | | | |
| -32/-33 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 5 | | | | | | | | | | | | | | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | 1 | | 2 | | | | | | | | | | | | | | | |
| -40/-41 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | |
| -42/-43 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | |
| TOTAL | 9.235 | 412. | | | | 2.7 | | | | | | | | | | | | | 844 | | 844 | | | | | | | | | | | | | | | |
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DATA PROCESSING DIVISION
OSAF ETAF
AIR EAT PR SERVICE/MAC

25200 PRINCE GEORGE 2 C DNT APT

57-66

E1 =

PAGE 2 0900-1100

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|-----|-----|---|---|-----|-----|----|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| -18/-19 | .4 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | 3 | 6 |
| -20/-21 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 3 | 3 | |
| -22/-23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | |
| -24/-25 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 3 | |
| -26/-27 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 2 | |
| -30/-31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| -32/-33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| TOTAL | 1.4 | 2.3 | 1.0 | | | 6.0 | 1.1 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | 846 | 846 | 846 | |

| Element (X) | Σx^2 | Σx | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≤ 73 F | ≥ 80 F | ≤ 93 F | |
| Rel. Hum. | 5307523 | 66191 | 78.3 | 12.053 | 845 | | | | | | | 84 |
| Dry Bulb | 564692 | 18220 | 21.5 | 14.279 | 846 | 7.7 | 62.5 | | | | | 84 |
| Wet Bulb | 484009 | 16847 | 19.9 | 13.257 | 846 | 7.8 | 70.2 | | | | | 84 |
| Dew Point | 369570 | 13146 | 15.5 | 13.986 | 846 | 13.3 | 78.8 | | | | | 84 |

DATA PROCESSING DIVISION
USAF ETAS
AIR ENTER SERVICE/MAC

PSYCHROMETRIC SUMMARY

75206 PRINCE GEORGE B C DUT APT

57-56

F t. t.

PAGE 1 1200-1400

HOURS: 5-8 P.M.

[illegible]

252-0 PRINCE GEORGE W C DOT APT
STATE NAME

57-66

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PAGE 2 1200-1400

$$H_2 = \begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix}$$
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DATA PROCESSING DIVISION
USAF ETAC
AIR CENTER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25206 PRINCE GEORGE AFB JET APT

57-66

FEB

PAGE 1 1500-1700

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B. W.B. | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|----------|----------|-----------|--------|--|--|--|--|--|--|--|--|--|--|--------------------|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 57/ 51 | | | | | .1 | .2 | .1 | | | | | | | | | | | 3 | 3 | | | | | | | | | | | | | | | |
| 50/ 49 | | | | | .1 | .2 | .5 | | | | | | | | | | | 7 | 7 | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | .5 | .8 | .6 | | | | | | | | | | | 16 | 16 | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | .2 | .8 | | | | | | | | | | | | 9 | 9 | 1 | | | | | | | | | | | | | | |
| 44/ 43 | | | | .2 | 1.2 | .9 | | | | | | | | | | | | 25 | 25 | 2 | | | | | | | | | | | | | | |
| 42/ 41 | | .1 | .9 | 2.0 | 1.9 | .2 | | | | | | | | | | | | 44 | 44 | 7 | | | | | | | | | | | | | | |
| 40/ 39 | .2 | .9 | 2.4 | 2.8 | 1.1 | | | | | | | | | | | | | 63 | 63 | 28 | | | | | | | | | | | | | | |
| 38/ 37 | .2 | 1.9 | 3.1 | 1.8 | .6 | .1 | | | | | | | | | | | | 65 | 65 | 42 | | | | | | | | | | | | | | |
| 36/ 35 | .8 | 2.2 | 3.1 | 1.8 | .1 | | | | | | | | | | | | | 68 | 68 | 79 | | | | | | | | | | | | | | |
| 34/ 33 | .8 | 3.9 | 3.7 | .7 | | | | | | | | | | | | | | 77 | 77 | 85 | | | | | | | | | | | | | | |
| 32/ 31 | .6 | 3.3 | 3.5 | .6 | | | | | | | | | | | | | | 68 | 68 | 99 | | | | | | | | | | | | | | |
| 30/ 29 | .4 | 1.9 | 2.2 | .5 | | | | | | | | | | | | | | 40 | 40 | 68 | | | | | | | | | | | | | | |
| 28/ 27 | .4 | 2.7 | 1.9 | | | | | | | | | | | | | | | 42 | 42 | 70 | | | | | | | | | | | | | | |
| 26/ 25 | 1.3 | 2.1 | .7 | .1 | | | | | | | | | | | | | | 36 | 36 | 50 | | | | | | | | | | | | | | |
| 24/ 23 | .9 | 2.7 | 2.7 | | | | | | | | | | | | | | | 48 | 48 | 65 | | | | | | | | | | | | | | |
| 22/ 21 | .5 | 2.2 | 1.1 | .1 | | | | | | | | | | | | | | 33 | 33 | 41 | | | | | | | | | | | | | | |
| 20/ 19 | .2 | 1.9 | 1.3 | .1 | | | | | | | | | | | | | | 30 | 30 | 34 | | | | | | | | | | | | | | |
| 18/ 17 | 1.3 | 2.4 | .7 | | | | | | | | | | | | | | | 36 | 36 | 36 | | | | | | | | | | | | | | |
| 16/ 15 | .6 | 1.8 | .5 | | | | | | | | | | | | | | | 24 | 24 | 37 | | | | | | | | | | | | | | |
| 14/ 13 | .5 | 1.5 | .4 | | | | | | | | | | | | | | | 24 | 24 | 24 | | | | | | | | | | | | | | |
| 12/ 11 | .6 | .5 | .2 | | | | | | | | | | | | | | | 11 | 11 | 15 | | | | | | | | | | | | | | |
| 10/ 9 | .8 | 1.4 | | | | | | | | | | | | | | | | 19 | 19 | 21 | | | | | | | | | | | | | | |
| 8/ 7 | .5 | .7 | | | | | | | | | | | | | | | | 10 | 10 | 15 | | | | | | | | | | | | | | |
| 6/ 5 | 1.1 | 1.2 | | | | | | | | | | | | | | | | 19 | 19 | 18 | | | | | | | | | | | | | | |
| 4/ 3 | .6 | .8 | | | | | | | | | | | | | | | | 14 | 14 | 14 | | | | | | | | | | | | | | |
| 2/ 1 | .5 | .1 | | | | | | | | | | | | | | | | 6 | 6 | 10 | | | | | | | | | | | | | | |
| 0/ -1 | .3 | .1 | | | | | | | | | | | | | | | | 5 | 5 | 6 | | | | | | | | | | | | | | |
| -2/ -3 | | .4 | | | | | | | | | | | | | | | | 3 | 3 | 1 | | | | | | | | | | | | | | |
| -4/ -5 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 5 | | | | | | | | | | | | | | |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -8/ -9 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | | | | | | | | | | | | | | |
| -10/ -11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -12/ -13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -14/ -15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | ΣX' | | ΣX | | X̄ | | σ _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | Total | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | * 0 F | | * 32 F | | * 67 F | | * 73 F | | * 80 F | | * 93 F | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26.5 (C) A1 REVISION 1-64
FORM 0-26.5 (C) A1 REVISION 1-64

DATA PROCESSING DIVISION
USAF ETAF
AIR EATER SERVICE/SAC

YEARS _____ FEB _____ MONTH _____
 PAGE 2 1500-1700
 HOURS _____

232.6 PRINCE GEORGE B C 101 APT
STATION NAME

57-66

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PAGE 2 1500-1700
HOURS

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USAFETAC FORM 0-26.5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25206 PRINCE GEORGE H C DUTY APT

57-66

FEB

PAGE 1 1800-2000

| Temp F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|----------|-------|-------|------------------------------------|--------|-----------|----------|----------|-----------|--|-------|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 50/ 49 | | | | | .5 | | | | | | | | | | | | | 4 | 4 | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | .6 | .5 | .5 | | | | | | | | | | | | 13 | 13 | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | .6 | | | | | | | | | | | | | 7 | 5 | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | .5 | .2 | | | | | | | | | | | | | 4 | 6 | | | | | | | | | | | | | | | | |
| 42/ 41 | | | .4 | 1.1 | .5 | | | | | | | | | | | | | 16 | 16 | | 9 | | | | | | | | | | | | | | |
| 40/ 39 | | .8 | 1.5 | 1.3 | .5 | | | | | | | | | | | | | 35 | 35 | 12 | 3 | | | | | | | | | | | | | | |
| 38/ 37 | .1 | 1.2 | 2.2 | 1.1 | .2 | | | | | | | | | | | | | 41 | 41 | 24 | 1 | | | | | | | | | | | | | | |
| 36/ 35 | .9 | 2.7 | 2.7 | 1.9 | .2 | | | | | | | | | | | | | 68 | 68 | 50 | 18 | | | | | | | | | | | | | | |
| 34/ 33 | 2.2 | 4.0 | 2.1 | .6 | | | | | | | | | | | | | | 76 | 76 | 74 | 36 | | | | | | | | | | | | | | |
| 32/ 31 | .9 | 3.2 | 1.7 | .4 | | | | | | | | | | | | | | 52 | 52 | 76 | 57 | | | | | | | | | | | | | | |
| 30/ 29 | 1.4 | 4.7 | 1.9 | .2 | | | | | | | | | | | | | | 65 | 65 | 83 | 65 | | | | | | | | | | | | | | |
| 28/ 27 | .1 | 2.8 | 1.5 | .1 | | | | | | | | | | | | | | 33 | 39 | 52 | 66 | | | | | | | | | | | | | | |
| 26/ 25 | 1.7 | 2.8 | .9 | | | | | | | | | | | | | | | 46 | 46 | 53 | 63 | | | | | | | | | | | | | | |
| 24/ 23 | 2.2 | 2.5 | .6 | | | | | | | | | | | | | | | 45 | 45 | 56 | 66 | | | | | | | | | | | | | | |
| 22/ 21 | 2.2 | 1.7 | .6 | | | | | | | | | | | | | | | 36 | 36 | 37 | 64 | | | | | | | | | | | | | | |
| 20/ 19 | 1.5 | 3.5 | .4 | | | | | | | | | | | | | | | 46 | 40 | 43 | 43 | | | | | | | | | | | | | | |
| 18/ 17 | .8 | 2.8 | .6 | | | | | | | | | | | | | | | 36 | 30 | 37 | 35 | | | | | | | | | | | | | | |
| 16/ 15 | 2.0 | 1.4 | .2 | | | | | | | | | | | | | | | 31 | 31 | 41 | 40 | | | | | | | | | | | | | | |
| 14/ 13 | .8 | 2.7 | .1 | | | | | | | | | | | | | | | 31 | 31 | 26 | 44 | | | | | | | | | | | | | | |
| 12/ 11 | 1.2 | 1.9 | .1 | | | | | | | | | | | | | | | 23 | 22 | 27 | 37 | | | | | | | | | | | | | | |
| 10/ 9 | 1.2 | 2.1 | .1 | | | | | | | | | | | | | | | 29 | 29 | 31 | 20 | | | | | | | | | | | | | | |
| 8/ 7 | 1.3 | .6 | | | | | | | | | | | | | | | | 16 | 16 | 22 | 26 | | | | | | | | | | | | | | |
| 6/ 5 | 1.4 | .7 | | | | | | | | | | | | | | | | 18 | 18 | 18 | 23 | | | | | | | | | | | | | | |
| 4/ 3 | 1.2 | .8 | | | | | | | | | | | | | | | | 17 | 17 | 21 | 26 | | | | | | | | | | | | | | |
| 2/ 1 | .5 | .6 | | | | | | | | | | | | | | | | 9 | 9 | 8 | 26 | | | | | | | | | | | | | | |
| 0/ -1 | .6 | .2 | | | | | | | | | | | | | | | | 9 | 9 | 9 | 18 | | | | | | | | | | | | | | |
| -2/ -3 | .7 | .4 | | | | | | | | | | | | | | | | 9 | 9 | 9 | 13 | | | | | | | | | | | | | | |
| -4/ -5 | .5 | | | | | | | | | | | | | | | | | 4 | 4 | 5 | 8 | | | | | | | | | | | | | | |
| -6/ -7 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 9 | | | | | | | | | | | | | | |
| -8/ -9 | .9 | .1 | | | | | | | | | | | | | | | | 9 | 9 | 9 | 8 | | | | | | | | | | | | | | |
| -10/-11 | .5 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 10 | | | | | | | | | | | | | | |
| -12/-13 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 2 | 7 | | | | | | | | | | | | | | |
| -14/-15 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 6 | | | | | | | | | | | | | | |
| -16/-17 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 3 | | | | | | | | | | | | | | |
| Element (X) | Σ X ² | | | Σ X | | | Σ | | | Σ | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | | Total | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
USAF ETAC
AIR - PATTER SERVICE/MAL

252-0 PRINCE GEORGE P C OUT APT
STATION NAME

57-66

F E F

PAGE 2 1000-2000

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|-----|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| -18/-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -20/-21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -24/-25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 8.1 | 4.4 | 1.1 | 6.4 | 7.7 | 3.2 | .5 | | | | | | | | | | | 846 | | 846 | | 846 | | | | | | | | | | | | | |

| Element (X) | Σx^2 | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------|
| | | | | | | $\leq 0^\circ \text{F}$ | $\leq 32^\circ \text{F}$ | $\geq 67^\circ \text{F}$ | $\geq 73^\circ \text{F}$ | $\geq 80^\circ \text{F}$ | $\geq 93^\circ \text{F}$ | |
| Rel. Hum. | 5266544 | 65770 | 77.7 | 13.475 | 846 | | | | | | | |
| Dry Bulb | 632268 | 20504 | 24.2 | 12.655 | 846 | 4.3 | 57.8 | | | | | 84 |
| Wet Bulb | 537713 | 18951 | 22.4 | 11.574 | 846 | 4.4 | 67.2 | | | | | 84 |
| Dew Point | 400007 | 15149 | 17.9 | 12.343 | 846 | 8.6 | 78.2 | | | | | 84 |

USAFETAC 0265 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
FORM JUL 64

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25206 PRINCE GEORGE R C DUTY APT
STATION STAT ON NAME

57-66

YEARS

FEB
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------------|-----------|-------|----------|-------|-------|-------|------------------------------------|-------------|-------------|-------------|-------------|-------------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 48/ 47 | | | | .7 | .5 | | | | | | | | | | | | | 10 | 10 | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | .2 | .7 | .1 | | | | | | | | | | | | 9 | 9 | | | | | | | | | | | | | | | | |
| 44/ 43 | | | .1 | .4 | .5 | | | | | | | | | | | | | 9 | 9 | | | | | | | | | | | | | | | | |
| 42/ 41 | | | .2 | 1.7 | | | | | | | | | | | | | | 16 | 16 | 6 | | | | | | | | | | | | | | | |
| 40/ 39 | .2 | .1 | 1.5 | .8 | .1 | | | | | | | | | | | | | 24 | 24 | 13 | 3 | | | | | | | | | | | | | | |
| 38/ 37 | .1 | 1.5 | 1.4 | 1.1 | | | | | | | | | | | | | | 39 | 39 | 18 | 2 | | | | | | | | | | | | | | |
| 36/ 35 | 1.1 | 1.9 | 2.4 | .7 | | | | | | | | | | | | | | 51 | 51 | 58 | 18 | | | | | | | | | | | | | | |
| 34/ 33 | .8 | 3.9 | 1.6 | .5 | | | | | | | | | | | | | | 59 | 59 | 50 | 31 | | | | | | | | | | | | | | |
| 32/ 31 | .4 | 3.0 | 3.1 | .2 | | | | | | | | | | | | | | 60 | 60 | 68 | 51 | | | | | | | | | | | | | | |
| 30/ 29 | 1.4 | 3.4 | 2.2 | .2 | | | | | | | | | | | | | | 62 | 62 | 60 | 61 | | | | | | | | | | | | | | |
| 28/ 27 | 1.2 | 2.4 | .9 | | | | | | | | | | | | | | | 38 | 38 | 67 | 58 | | | | | | | | | | | | | | |
| 26/ 25 | 1.9 | 3.0 | 1.2 | .1 | | | | | | | | | | | | | | 52 | 52 | 57 | 54 | | | | | | | | | | | | | | |
| 24/ 23 | 1.8 | 2.7 | .4 | | | | | | | | | | | | | | | 41 | 41 | 51 | 60 | | | | | | | | | | | | | | |
| 22/ 21 | 1.7 | 2.4 | .4 | | | | | | | | | | | | | | | 37 | 37 | 38 | 58 | | | | | | | | | | | | | | |
| 20/ 19 | 2.2 | .9 | .1 | | | | | | | | | | | | | | | 28 | 28 | 40 | 58 | | | | | | | | | | | | | | |
| 18/ 17 | 1.9 | 2.4 | | | | | | | | | | | | | | | | 36 | 36 | 29 | 44 | | | | | | | | | | | | | | |
| 16/ 15 | 2.6 | 2.0 | | | | | | | | | | | | | | | | 39 | 39 | 45 | 23 | | | | | | | | | | | | | | |
| 14/ 13 | 1.8 | 2.9 | .1 | | | | | | | | | | | | | | | 33 | 33 | 36 | 39 | | | | | | | | | | | | | | |
| 12/ 11 | 1.2 | 1.2 | | | | | | | | | | | | | | | | 20 | 20 | 18 | 43 | | | | | | | | | | | | | | |
| 10/ 9 | 1.4 | 2.1 | | | | | | | | | | | | | | | | 30 | 30 | 32 | 20 | | | | | | | | | | | | | | |
| 8/ 7 | 1.8 | 1.1 | | | | | | | | | | | | | | | | 24 | 24 | 27 | 28 | | | | | | | | | | | | | | |
| 6/ 5 | 2.5 | 1.3 | | | | | | | | | | | | | | | | 32 | 32 | 30 | 21 | | | | | | | | | | | | | | |
| 4/ 3 | 1.1 | .8 | | | | | | | | | | | | | | | | 16 | 16 | 18 | 23 | | | | | | | | | | | | | | |
| 2/ 1 | 1.2 | .4 | | | | | | | | | | | | | | | | 13 | 13 | 15 | 27 | | | | | | | | | | | | | | |
| 0/ -1 | 1.1 | .1 | | | | | | | | | | | | | | | | 10 | 10 | 11 | 22 | | | | | | | | | | | | | | |
| -2/ -3 | 1.5 | | | | | | | | | | | | | | | | | 13 | 13 | 14 | 15 | | | | | | | | | | | | | | |
| -4/ -5 | 1.2 | | | | | | | | | | | | | | | | | 13 | 13 | 12 | 18 | | | | | | | | | | | | | | |
| -6/ -7 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 3 | 18 | | | | | | | | | | | | | | |
| -8/ -9 | .7 | .4 | | | | | | | | | | | | | | | | 9 | 9 | 6 | 8 | | | | | | | | | | | | | | |
| -10/ -11 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 5 | 11 | | | | | | | | | | | | | | |
| -12/ -13 | .6 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 6 | | | | | | | | | | | | | | |
| -14/ -15 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 2 | 2 | | | | | | | | | | | | | | |
| -16/ -17 | .4 | .1 | | | | | | | | | | | | | | | | 4 | 4 | 4 | 4 | | | | | | | | | | | | | | |
| -18/ -19 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 4 | | | | | | | | | | | | | | |
| Element (X) | Σx | | | | | Σx | \bar{x} | s^2 | No. Obs. | | | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | $\leq 0 F$ | $\leq 32 F$ | $\leq 67 F$ | $\leq 73 F$ | $\leq 80 F$ | $\leq 93 F$ | Total | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 026-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETA
AIR EAT EK SERVICE/MAC

YEARS

57-66

FEQ
MIN

PAGE 2 2100-2300

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------|-------------------------------------|-----|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| -20/-21 | .5 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 4 | | | | | | | | | | | | | | |
| -22/-23 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| -24/-25 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 7 | | | | | | | | | | | | | | |
| -32/-33 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| TOTAL | 5.6 | 9.5 | 16.3 | 6.6 | 1.9 | .1 | | | | | | | | | | | | 846 | 846 | 846 | 846 | | | | | | | | | | | | | | |

| Element (X) | $\sum x^2$ | $\sum x$ | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|------------|----------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Rel. Hum. | 5477694 | 67191 | 79.4 | 12.911 | 846 | | | | | | | |
| Dry Bulb | 576060 | 18640 | 22.0 | 13.989 | 846 | 6.8 | 62.5 | | | | | 84 |
| Wet Bulb | 495380 | 17308 | 20.5 | 12.930 | 846 | 7.0 | 69.6 | | | | | 84 |
| Dew Point | 380545 | 13781 | 16.3 | 13.590 | 846 | 12.3 | 78.6 | | | | | 84 |

USAFETAC FORM 0.26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

DATA PROCESSING DIVISION
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AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25200 PRINCE GEORGE B C DUT APT

57-66

MAR
MONTH

PAGE 1 0000-0200

HOURS: 5.1.1

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DATA PROCESSING DIVISION
USAF ETA
AIR -LATER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25206 PRINCE GEORGE B C DUT APT

57-66

45

PAGE 2 0000-0200

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HOURS: 6-7

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| -18/-19 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 3 | 1 | | | | | | | | | | | | | | |
| -20/-21 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| -22/-23 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| -26/-27 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| TOTAL | 3.3 | 9.2 | 18.6 | 7.0 | 1.8 | | | | | | | | | | | | | 930 | 930 | 930 | 930 | | | | | | | | | | | | | | |

| Element (X) | Σx^2 | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | Total | |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|----|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | |
| Rel. Hum. | 5778194 | 72166 | 77.7 | 13.624 | 929 | | | | | | | 93 |
| Dry Bulb | 704337 | 23367 | 25.1 | 11.233 | 930 | 4.1 | 69.4 | | | | | 93 |
| Wet Bulb | 607522 | 21672 | 23.3 | 10.504 | 930 | 4.2 | 80.0 | | | | | 93 |
| Dew Point | 464422 | 17500 | 18.8 | 12.060 | 930 | 9.1 | 88.8 | | | | | 93 |

DATA PROCESSING DIVISION
USAF ETAS
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25200 PRINCE GEORGE H C DIST APT
STATION STATION NAME

57-66

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PAGE 1 C300-0500
HOURS S. T.

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DATA PROCESSING DIVISION
USAF ETAL
AIR CENTER SERVICE/AC

PSYCHROMETRIC SUMMARY

57-66

YEARS

42 MONTH

PAGE 2 0300-0500

0300-0500
MOBILE 5

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|-------|------|-----|----|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| -22/-21 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 2 |
| -24/-25 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 2 |
| -28/-29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| -30/-31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 27.0 | 149.9 | 17.4 | 4.9 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 930 | 930 | 930 | 930 |

| Element (X) | Σx^2 | Σx | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Rel. Hum. | 528844 | 73684 | 79.2 | 12.726 | 930 | | | | | | | |
| Dry Bulb | 640350 | 21748 | 23.4 | 11.910 | 930 | 6.0 | 72.8 | | | | | 93 |
| Wet Bulb | 560025 | 20287 | 21.8 | 11.246 | 930 | 6.7 | 82.5 | | | | | 93 |
| Dew Point | 437648 | 16414 | 17.6 | 12.620 | 930 | 11.1 | 89.6 | | | | | 93 |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

57-66

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MONTH

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DATA PROCESSING DIVISION
USAF ETAL
AIR - EATHER SERVICE/HAC

YEARS.

25276 PRINCE GEORGE 3 C OUT ART
STATION NAME

57-66

1. All
MONTH

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PSYCHROMETRIC SUMMARY

25200 PRINCE GEORGE B C INT APT

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| -8/-9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
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| TOTAL | 1.0 | 1.9 | 1.2 | 3.9 | 2.4 | 0.1 | 9.0 | 9.4 | 2.6 | .3 | .1 | | | | | | | | | | | | | | | | | | | | | | | | 930 | 930 | 930 |
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PSYCHROMETRIC SUMMARY

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DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

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DATA PROCESSING DIVISION
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| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B. W.B. Dry Bulb | | | TOTAL Wet Bulb Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC 0265 (OL A) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAG
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PSYCHROMETRIC SUMMARY

25276 PRINCE GEORGE E C OUT APT
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57-66

YEARS

1 APR
MONTH

PAGE 2 1000-2000

HOURS: 9-5, 7-11

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | | | | |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | | | | |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | | | | |
| -20/-21 | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 8.733 | 826.6 | 18.4 | 8.8 | 3.8 | .8 | | | | | | | | | | | | 930 | 930 | 930 | 930 | | | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 4618944 | 63556 | 68.3 | 17.222 | 930 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | 1032868 | 29686 | 31.9 | 9.581 | 930 | .6 | 44.2 | | | | | 93 |
| Wet Bulb | 817613 | 26447 | 28.4 | 8.398 | 930 | .7 | 39.6 | | | | | 93 |
| Dew Point | 547007 | 20363 | 21.9 | 10.434 | 930 | 5.0 | 84.2 | | | | | 93 |

DATA PROCESSING DIVISION
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HOURS: 11 A.M. - 5 P.M.

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DATA PROCESSING DIVISION
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| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|------|------|------|-----|----|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| -14/-15 | | | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 5 |
| -16/-17 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 2 | 3 | |
| -20/-21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| -22/-23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| -24/-25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| -28/-29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| TOTAL | 16.0 | 46.5 | 23.0 | 11.0 | 3.0 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 930 | 930 | 930 | |
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DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

29206 PRINCE GEORGE B C OUT APT
STATION NAME

57-66

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MONTH

PAGE 1 0000-0200

HOURS: 8.30 - 1.00

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 56/ 55 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | | | | | | |
| 54/ 53 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | | | | | | |
| 52/ 51 | | | | | .1 | .2 | | | | | | | | | | | | 3 | 3 | | | | | | |
| 50/ 49 | | | .2 | .4 | .6 | .1 | .1 | | | | | | | | | | | 13 | 13 | | | | | | |
| 48/ 47 | | .1 | .2 | .3 | .2 | .1 | .1 | | | | | | | | | | | 10 | 10 | | | | | | |
| 46/ 45 | | .1 | .1 | .9 | | .1 | | | | | | | | | | | | 11 | 11 | 5 | | | | | |
| 44/ 43 | .2 | .1 | .4 | 1.2 | 1.1 | .2 | | | | | | | | | | | | 30 | 30 | 12 | 5 | | | | |
| 42/ 41 | .2 | 1.0 | .4 | 2.0 | 1.0 | | | | | | | | | | | | | 46 | 46 | 17 | 5 | | | | |
| 40/ 39 | .1 | 1.6 | 1.7 | 3.6 | .8 | | | | | | | | | | | | | 69 | 69 | 29 | 11 | | | | |
| 38/ 37 | 1.3 | 3.7 | 4.9 | 3.4 | .4 | | | | | | | | | | | | | 124 | 124 | 54 | 23 | | | | |
| 36/ 35 | 1.9 | 4.2 | 4.3 | 3.2 | .1 | | | | | | | | | | | | | 124 | 124 | 104 | 44 | | | | |
| 34/ 33 | 2.0 | 5.3 | 5.3 | 2.0 | .1 | | | | | | | | | | | | | 133 | 133 | 148 | 71 | | | | |
| 32/ 31 | .9 | 5.6 | 4.7 | 1.0 | .2 | | | | | | | | | | | | | 111 | 111 | 142 | 72 | | | | |
| 30/ 29 | 1.6 | 6.0 | 4.4 | | | | | | | | | | | | | | | 108 | 108 | 137 | 111 | | | | |
| 28/ 27 | .1 | 4.2 | 2.7 | | .2 | | | | | | | | | | | | | 59 | 59 | 115 | 114 | | | | |
| 26/ 25 | | 2.1 | .6 | .1 | | | | | | | | | | | | | | 27 | 27 | 72 | 98 | | | | |
| 24/ 23 | .1 | .4 | .6 | | | | | | | | | | | | | | | 16 | 10 | 31 | 112 | | | | |
| 22/ 21 | .1 | .2 | .5 | | | | | | | | | | | | | | | 6 | 6 | 11 | 88 | | | | |
| 20/ 19 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 6 | 69 | | | | |
| 18/ 17 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 4 | 33 | | | | |
| 16/ 15 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 11 | | | | |
| 14/ 13 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 2 | 3 | | | | |
| 12/ 11 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 5 | | | | |
| 10/ 9 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 8 | | | | |
| 8/ 7 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 7 | | | | |
| 6/ 5 | .2 | .2 | | | | | | | | | | | | | | | | 4 | 4 | 4 | 2 | | | | |
| 4/ 3 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 2 | | | | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 3 | | | | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| -2/ -3 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | | | |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| TOTAL | 9.635 | 230.9 | 18.4 | 4.7 | .9 | .3 | | | | | | | | | | | | 900 | 900 | 900 | 900 | | | | |

| Element (X) | Σx^2 | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 5126827 | 66651 | 74.1 | 14.571 | 900 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Dry Bulb | 1089131 | 30787 | 34.2 | 6.326 | 900 | .1 | 33.5 | | | | | 90 |
| Wet Bulb | 901845 | 28047 | 31.2 | 5.562 | 900 | .1 | 53.1 | | | | | 90 |
| L. w. Point | 663835 | 23689 | 26.3 | 6.697 | 900 | .3 | 74.1 | | | | | 90 |

DATA PROCESSING DIVISION
USAF ETAP
AIR EATER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25276 PRINCE GEORGE 3 C UUT APT
STATION NAME

57-66

APR

PAGE 1 0300-0500

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 58/ 57 | | | | | | | .1 | .1 | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | | |
| 56/ 55 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 56/ 49 | | | .3 | .1 | .1 | | | | | | | | | | | | | 4 | 5 | | | | | | | | | | | | | | | | |
| 48/ 47 | | | .1 | .1 | .2 | | | | | | | | | | | | | 4 | 4 | | | | | | | | | | | | | | | | |
| 46/ 45 | | | | .4 | .2 | | .1 | | | | | | | | | | | 7 | 7 | | 5 | | | | | | | | | | | | | | |
| 44/ 43 | | | .4 | .4 | .6 | | .2 | | | | | | | | | | | 14 | 14 | | 3 | | | | | | | | | | | | | | |
| 42/ 41 | .4 | .4 | .7 | 1.1 | .3 | | | | | | | | | | | | | 27 | 27 | | 2 | | | | | | | | | | | | | | |
| 40/ 39 | .1 | 1.3 | 2.3 | .8 | .1 | | | | | | | | | | | | | 42 | 42 | | 16 | | | | | | | | | | | | | | |
| 38/ 37 | .9 | 2.3 | 3.6 | 2.2 | .2 | | | | | | | | | | | | | 85 | 85 | | 39 | | | | | | | | | | | | | | |
| 36/ 35 | 1.4 | 4.8 | 5.9 | 1.9 | | | | | | | | | | | | | | 125 | 125 | | 86 | | | | | | | | | | | | | | |
| 34/ 33 | 2.4 | 6.4 | 3.9 | .9 | | | | | | | | | | | | | | 124 | 124 | | 115 | | | | | | | | | | | | | | |
| 32/ 31 | 1.3 | 7.4 | 4.9 | .2 | .1 | | | | | | | | | | | | | 126 | 126 | | 141 | | | | | | | | | | | | | | |
| 30/ 29 | 1.3 | 6.9 | 4.9 | .2 | | | | | | | | | | | | | | 112 | 112 | | 139 | | | | | | | | | | | | | | |
| 28/ 27 | 1.9 | 6.4 | 2.9 | | | | | | | | | | | | | | | 101 | 101 | | 132 | | | | | | | | | | | | | | |
| 26/ 25 | .8 | 5.7 | .9 | | | | | | | | | | | | | | | 66 | 66 | | 108 | | | | | | | | | | | | | | |
| 24/ 23 | .4 | 1.7 | .4 | | | | | | | | | | | | | | | 23 | 23 | | 53 | | | | | | | | | | | | | | |
| 22/ 21 | .1 | .9 | .6 | | | | | | | | | | | | | | | 13 | 13 | | 19 | | | | | | | | | | | | | | |
| 20/ 19 | | .3 | .4 | | | | | | | | | | | | | | | 7 | 7 | | 12 | | | | | | | | | | | | | | |
| 18/ 17 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | 6 | | | | | | | | | | | | | | |
| 16/ 15 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | | 4 | | | | | | | | | | | | | | |
| 14/ 13 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | 2 | | | | | | | | | | | | | | |
| 12/ 11 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | | 1 | | | | | | | | | | | | | | |
| 10/ 9 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | | 2 | | | | | | | | | | | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6/ 5 | .2 | .1 | | | | | | | | | | | | | | | | 3 | 3 | | 3 | | | | | | | | | | | | | | |
| 4/ 3 | .2 | .1 | | | | | | | | | | | | | | | | 3 | 3 | | 3 | | | | | | | | | | | | | | |
| 2/ 1 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | | 1 | | | | | | | | | | | | | | |
| 0/ -1 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | | 2 | | | | | | | | | | | | | | |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 2.3 | 45.4 | 31.2 | 8.4 | 1.9 | .3 | .2 | .1 | | | | | | | | | | 900 | 900 | 900 | 900 | | | | | | | | | | | | | | |

| Element (X) | Σx^2 | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------|
| Ref. Num. | | | | | | $\leq 0^\circ \text{ F}$ | $\leq 32^\circ \text{ F}$ | $\geq 67^\circ \text{ F}$ | $\geq 73^\circ \text{ F}$ | $\geq 80^\circ \text{ F}$ | $\geq 93^\circ \text{ F}$ | |
| Dry Bulb | 5612405 | 770087 | 77.9 | 13.106 | 900 | | | | | | | 90 |
| Wet Bulb | 964381 | 28901 | 32.1 | 6.355 | 900 | .2 | 46.4 | | | | | 90 |
| Dew Point | 823579 | 26743 | 29.7 | 5.672 | 900 | .2 | 62.8 | | | | | 90 |
| | 631609 | 23075 | 25.6 | 6.670 | 900 | .6 | 77.7 | | | | | 90 |

DATA PROCESSING DIVISION
USAF ETAL
AIR WEATHER SERVICE/PAO

YEARS

57-66

ДРД
МОН

PAGE 1 0600-0800

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | |
| 58/ 57 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | |
| 52/ 51 | | | .1 | | .1 | .1 | | | | | | | | | | | | 3 | 3 | | | | | | | | | | | | | | | |
| 50/ 49 | | | .4 | | .2 | .1 | | | | | | | | | | | | 7 | 7 | | | | | | | | | | | | | | | |
| 48/ 47 | | .1 | | | 1.0 | | | | | | | | | | | | | 15 | 15 | 3 | | | | | | | | | | | | | | |
| 46/ 45 | | | .2 | .9 | .9 | .6 | | | | | | | | | | | | 23 | 23 | 4 | 1 | | | | | | | | | | | | | |
| 44/ 43 | | .3 | .9 | 1.7 | .8 | .1 | | | | | | | | | | | | 33 | 33 | 3 | 5 | | | | | | | | | | | | | |
| 42/ 41 | .2 | 1.0 | 1.2 | 2.3 | .6 | .1 | | | | | | | | | | | | 49 | 49 | 16 | 2 | | | | | | | | | | | | | |
| 40/ 39 | .3 | 2.4 | 3.7 | 3.3 | 1.1 | | | | | | | | | | | | | 92 | 92 | 40 | 9 | | | | | | | | | | | | | |
| 38/ 37 | 1.0 | 3.3 | 3.3 | 3.4 | .7 | | | | | | | | | | | | | 106 | 106 | 73 | 27 | | | | | | | | | | | | | |
| 36/ 35 | .7 | 3.8 | 6.4 | 3.1 | .3 | | | | | | | | | | | | | 129 | 129 | 98 | 44 | | | | | | | | | | | | | |
| 34/ 33 | 3.0 | 5.1 | 6.2 | 1.3 | | | | | | | | | | | | | | 141 | 141 | 131 | 70 | | | | | | | | | | | | | |
| 32/ 31 | .9 | 7.0 | 3.8 | 1.0 | .1 | | | | | | | | | | | | | 115 | 115 | 173 | 84 | | | | | | | | | | | | | |
| 30/ 29 | .7 | 4.6 | 2.8 | .1 | | | | | | | | | | | | | | 73 | 73 | 145 | 113 | | | | | | | | | | | | | |
| 28/ 27 | .3 | 3.4 | 1.1 | .1 | | | | | | | | | | | | | | 45 | 45 | 91 | 102 | | | | | | | | | | | | | |
| 26/ 25 | .2 | 2.3 | .4 | .2 | | | | | | | | | | | | | | 29 | 29 | 53 | 130 | | | | | | | | | | | | | |
| 24/ 23 | | 1.3 | .2 | .1 | | | | | | | | | | | | | | 15 | 15 | 25 | 108 | | | | | | | | | | | | | |
| 22/ 21 | .2 | .6 | .3 | | | | | | | | | | | | | | | 10 | 10 | 16 | 68 | | | | | | | | | | | | | |
| 20/ 19 | .2 | .2 | .1 | | | | | | | | | | | | | | | 5 | 5 | 10 | 61 | | | | | | | | | | | | | |
| 18/ 17 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 4 | 33 | | | | | | | | | | | | | |
| 16/ 15 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 10 | | | | | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 8 | | | | | | | | | | | | | |
| 10/ 9 | .2 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 2 | 5 | | | | | | | | | | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | 1 | 3 | | | | | | | | | | | | | |
| 6/ 5 | .4 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 4 | | | | | | | | | | | | | |
| 4/ 3 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 4 | | | | | | | | | | | | | |
| 2/ 1 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | | | | | | | | | | | | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| -4/ -5 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | | | | | | | | | | | | |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| TOTAL | 8.9 | 5.8 | 10.7 | 17.7 | 5.8 | 1.1 | .1 | | | | | | | | | | | 900 | 900 | 900 | 900 | | | | | | | | | | | | | |

| Element (X) | Z _x | Z _y | X̄ | σ _x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|----------------|----------------|------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 5.95904 | 66454 | 73.8 | 14.503 | 900 | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | |
| Dry Bulb | 1108383 | 31031 | 34.5 | 6.541 | 900 | .1 | 30.5 | | | | | 90 |
| Wet Bulb | 913392 | 28214 | 31.3 | 5.671 | 900 | .1 | 53.2 | | | | | 90 |
| Dew Point | 672895 | 23865 | 26.5 | 6.677 | 900 | .5 | 74.2 | | | | | 90 |

2

DATA PROCESSING DIVISION
USAF ETAS
AIR LEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

25206 PRINCE GEORGE H C OUT APT
STATION NAME

57-66

YEARS

APR
MONTH

PAGE 1 0900-1100
HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | |
|--------------|-------------------------------------|------|------|------|------|--------------|-----|-----|----|----|-----------|----|----|----|----|-------|----|----|----|----|----------|----|----|----|----|------------------------------------|----|--------|----|--------|----|--------|-----------|----------|----------|-----------|--|-------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 64/ 63 | | | | | | | | | | | | | | .1 | .1 | | | | | | | | | | | | | | | | | | 2 | 2 | | | | | |
| 62/ 61 | | | | | | | | | | | | | | .1 | .2 | | | | | | | | | | | | | | | | | | 3 | 3 | | | | | |
| 60/ 59 | | | | | | .1 | | | | .1 | .3 | .3 | | | | | | | | | | | | | | | | | | | | | 8 | 8 | | | | | |
| 58/ 57 | | | | | | .2 | .6 | .3 | | .1 | | | | | | | | | | | | | | | | | | | | | | | 11 | 11 | | | | | |
| 56/ 55 | | | | | .1 | .1 | .2 | .8 | .3 | | | | | | | | | | | | | | | | | | | | | | | | 14 | 14 | | | | | |
| 54/ 53 | | | .1 | | .3 | 1.0 | .6 | .3 | | .1 | | | | | | | | | | | | | | | | | | | | | | | 22 | 22 | | 1 | | | |
| 52/ 51 | | | .1 | .1 | .2 | 1.6 | .9 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | 28 | 28 | | | | | |
| 50/ 49 | | | .2 | .7 | 1.4 | 2.1 | .9 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | 53 | 53 | | 5 | | | |
| 48/ 47 | | .4 | .1 | 1.2 | 2.7 | 2.9 | 1.0 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | 76 | 76 | | 11 | | | |
| 46/ 45 | | .2 | .4 | 2.4 | 3.2 | 2.6 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | 82 | 82 | | 26 | | | |
| 44/ 43 | .1 | 1.0 | 1.9 | 2.4 | 4.2 | 2.0 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | 107 | 107 | | 34 | | | |
| 42/ 41 | .1 | 1.0 | 2.0 | 2.8 | 5.1 | 1.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 111 | 111 | | 66 | | | |
| 40/ 39 | .3 | 2.7 | 2.6 | 4.3 | 4.6 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 131 | 131 | | 121 | | | |
| 38/ 37 | .2 | 2.7 | 2.0 | 4.4 | 1.9 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 103 | 103 | | 139 | | | |
| 36/ 35 | .3 | 2.0 | 2.0 | 2.2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 60 | | 153 | | | |
| 34/ 33 | .7 | 1.4 | .9 | 1.0 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 38 | 38 | | 137 | | | |
| 32/ 31 | .1 | .8 | .9 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 19 | 19 | | 119 | | | |
| 30/ 29 | | .3 | .3 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | | 38 | | | |
| 28/ 27 | | .4 | .3 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | 9 | | 17 | | | |
| 26/ 25 | | | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | 11 | | | |
| 24/ 23 | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | 7 | | | |
| 22/ 21 | .1 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | 5 | | | |
| 20/ 19 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | 2 | | | |
| 18/ 17 | | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | |
| 16/ 15 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | 1 | | | |
| 14/ 13 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | 1 | | | |
| 12/ 11 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | 2 | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8/ 7 | .3 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | | 4 | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 2.3 | 13.8 | 14.3 | 22.7 | 24.1 | 14.3 | 5.4 | 2.4 | .6 | | | | | | | | | | | | | | | | | | | | | | | | 900 | 900 | | 900 | | | |
| Element (X) | Σx | | | | | Σx^2 | | | | | \bar{x} | | | | | s^2 | | | | | No. Obs. | | | | | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | |
| Rel. Hum. | 3291779 | | | | | 52055 | | | | | 57.81 | | | | | 7.679 | | | | | 900 | | | | | ≤ 0 F | | ≤ 32 F | | > 67 F | | > 73 F | | > 80 F | | > 93 F | | Total | |
| Dry Bulb | 1032412 | | | | | 37794 | | | | | 42.0 | | | | | 7.100 | | | | | 900 | | | | | | | 5.1 | | | | | | | | | | 90 | |
| Wet Bulb | 1182232 | | | | | 32258 | | | | | 35.8 | | | | | 5.381 | | | | | 900 | | | | | | | 20.7 | | | | | | | | | | 90 | |
| Dew Point | 707025 | | | | | 24403 | | | | | 27.1 | | | | | 7.103 | | | | | 900 | | | | | .1 | | 69.5 | | | | | | | | | | 90 | |

USAFETAC FORM 026-5 (OL A) REPRODUCED BY THE AIR FORCE

PSYCHROMETRIC SUMMARY

25206 PRINCE GE. RGt 3 C DUT APT

27-66

HPB.

PAGE 1 1200-1400

NOV 1965

[illegible]

DATA PROCESSING DIVISION
USAF ETA
AIR EATER SERVICE/AC

PAGE 2 1200-1400
HOURS U.S.T.

25246 PRINCE GEORGE C MIT APT
STATION NAME

57-66

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PAGE 2 1200-1400
HINES, S. J.

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USAFETAC 0265 (OL A) RE-USED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
FORM JUL 64

DATA PROCESSING DIVISION
USAF ETAL
AIR WEATHER SERVICE/MAC

YEARS

57-66

ADP
MOP

PAGE 1 1500-1700
HOURS : 5-7

[illegible]

DATA PROCESSING DIVISION
USAF E160
AIR EATER SERVICE/ SAC

PSYCHROMETRIC SUMMARY

25206 PRINCE GEORGE I, C UNIT APT

57-66

אברהם
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PAGE 2

1900-1700

MOUSE

| Temp. | | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------|----|-------------------------------------|-----|-----|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|-------|--|
| DB | WB | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 67 | 5 | | | | | | | | | | | | | | | | | | | | | 0 | | |
| 41 | 3 | | | | | | | | | | | | | | | | | | | | | 1 | | |
| TOTAL | | 7.9 | 6.6 | 9.1 | 12.4 | 22.8 | 22.1 | 9.4 | 5.7 | 2.2 | 1.1 | .1 | | | | | | | 900 | 900 | 900 | 900 | | |
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2

DATA PROCESSING DIVISION
USAF ETAF
AIR WEATHER SERVICE/MAG

PSYCHROMETRIC SUMMARY

25216 PRINCE GEORGE C OUT APT
STATION NAME

57-66

YEARS

APP
MONTH

PAGE 1 1000-2000

HOURS

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 70/ 69 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 68/ 67 | | | | | | | | | .1 | .1 | | .2 | | | | | | 4 | 4 | | | | | | | | | | | | | | | | |
| 66/ 65 | | | | | | | | | | | .4 | | | | | | | 4 | 4 | | | | | | | | | | | | | | | | |
| 64/ 63 | | | | | | | | | .1 | .6 | .2 | | | | | | | 3 | 8 | | | | | | | | | | | | | | | | |
| 62/ 61 | | | | | .1 | | | .1 | .2 | .3 | | | | | | | | 7 | 7 | | | | | | | | | | | | | | | | |
| 60/ 59 | | | | | | .2 | .2 | .4 | .2 | | | | | | | | | 10 | 10 | | | | | | | | | | | | | | | | |
| 58/ 57 | | | | | | .3 | .4 | .8 | .2 | .1 | | | | | | | | 17 | 17 | | | | | | | | | | | | | | | | |
| 56/ 55 | | | | .1 | | .6 | 1.2 | .6 | .1 | | | | | | | | | 23 | 23 | | | | | | | | | | | | | | | | |
| 54/ 53 | | | | .3 | .2 | .3 | 1.0 | .8 | .1 | | | | | | | | | 25 | 25 | 4 | | | | | | | | | | | | | | | |
| 52/ 51 | | | | .2 | 1.1 | 1.2 | 1.1 | .7 | | | | | | | | | | 30 | 30 | 1 | | | | | | | | | | | | | | | |
| 50/ 49 | | | .4 | .4 | 1.2 | 2.3 | 1.2 | .1 | | | | | | | | | | 52 | 52 | 7 | | | | | | | | | | | | | | | |
| 48/ 47 | | .3 | .4 | .7 | 2.2 | 3.9 | 1.3 | .2 | | | | | | | | | | 82 | 82 | 23 | 1 | | | | | | | | | | | | | | |
| 46/ 45 | | .3 | .4 | 1.9 | 3.3 | 2.8 | 1.3 | | | | | | | | | | | 91 | 91 | 33 | 3 | | | | | | | | | | | | | | |
| 44/ 43 | .2 | 1.0 | 1.3 | 2.3 | 3.1 | 3.2 | .3 | | | | | | | | | | | 104 | 104 | 47 | 10 | | | | | | | | | | | | | | |
| 42/ 41 | .2 | 1.9 | 2.7 | 4.0 | 4.0 | 1.0 | | | | | | | | | | | | 124 | 124 | 71 | 15 | | | | | | | | | | | | | | |
| 40/ 39 | .2 | 2.3 | 2.3 | 3.7 | 2.9 | .2 | | | | | | | | | | | | 102 | 102 | 121 | 25 | | | | | | | | | | | | | | |
| 38/ 37 | .3 | 1.1 | 1.9 | 2.8 | 1.8 | .3 | | | | | | | | | | | | 74 | 74 | 145 | 41 | | | | | | | | | | | | | | |
| 36/ 35 | .7 | 1.8 | 1.2 | 2.6 | | | | | | | | | | | | | | 56 | 56 | 155 | 48 | | | | | | | | | | | | | | |
| 34/ 33 | .7 | 1.1 | 1.4 | .7 | .3 | | | | | | | | | | | | | 38 | 38 | 133 | 81 | | | | | | | | | | | | | | |
| 32/ 31 | .6 | .2 | 1.1 | .3 | | | | | | | | | | | | | | 19 | 19 | 78 | 77 | | | | | | | | | | | | | | |
| 30/ 29 | | .4 | .1 | .2 | | | | | | | | | | | | | | 7 | 7 | 47 | 94 | | | | | | | | | | | | | | |
| 28/ 27 | | .2 | .2 | | | | | | | | | | | | | | | 4 | 4 | 20 | 68 | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 5 | 77 | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 2 | 98 | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 92 | | | | | | | | | | | | | | |
| 20/ 19 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | 68 | | | | | | | | | | | | | | |
| 18/ 17 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 2 | 32 | | | | | | | | | | | | | | |
| 16/ 15 | .1 | .2 | | | | | | | | | | | | | | | | 3 | 3 | 1 | 16 | | | | | | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 2 | 10 | | | | | | | | | | | | | | |
| 12/ 11 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | 15 | | | | | | | | | | | | | | |
| 10/ 9 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 2 | 3 | | | | | | | | | | | | | | |
| 8/ 7 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 2 | | | | | | | | | | | | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| Element (X) | Σ X ² | | Σ X | | X̄ | | σ _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | Total | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0265 (OL A) REVISI PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETC
AIR EATER SERVICE/AC

PSYCHROMETRIC SUMMARY

25206 PRINCE GEORGE C C DUT APT
STATION NAME

57-66

APL
M-114

PAGE 2 1400-2000
HOURS: 5-7

| Temp. | | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|-------|----|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|---|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|
| F | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 07 | -1 | 3.2 | 1.1 | 4.1 | 3.2 | 2.0 | 2.2 | 0.3 | 1.6 | 4 | 8.3 | 4.0 | 1.8 | .8 | .2 | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 900 | 900 | 900 | 900 | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-------------|------------|-----------|--------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Rel. Hum. | 3131915 | 50207 | 55.8 | 19.191 | 900 | | | | | | | 90 |
| Dry Bulb | 1753567 | 39115 | 43.5 | 7.720 | 900 | | 3.9 | .5 | | | | 90 |
| Wet Bulb | 1237536 | 33014 | 36.7 | 5.430 | 900 | | 16.1 | | | | | 90 |
| Dew Point | 714802 | 24522 | 27.2 | 7.204 | 900 | .1 | 67.6 | | | | | 90 |

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25205 PRINCE GEORGE H C DUT APT

57-66

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300

HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B. W.B. | TOTAL | |
|--------------|-------------------------------------|------|-------|------|------|--------|-----|---|-----|---|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|----------|--------------------|-----------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Dry Bulb | Wet Bulb | Dew Point | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | 9 | 2 | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 26 | 26 | 2 | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 25 | 25 | 2 | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 33 | 33 | 10 | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 68 | 68 | 18 | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 101 | 101 | 31 | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 109 | 109 | 58 | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 118 | 118 | 108 | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 115 | 115 | 139 | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 102 | 102 | 146 | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 90 | 90 | 123 | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 56 | 56 | 117 | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 25 | 25 | 77 | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 6 | 39 | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 13 | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 5 | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 6.4 | 24.7 | 27.9 | 23.2 | 12.8 | 3.6 | 1.4 | | | | | | | | | | | | | | | | | | | | | | | | | | 900 | 900 | 900 | |
| Element (X) | Σ x' | | Σ x | | Σ x | | Σ x | | Σ x | | Σ x | | Σ x | | Σ x | | Σ x | | Σ x | | Σ x | | Σ x | | Σ x | | Σ x | | Σ x | | Σ x | | Σ x | | Σ x | |
| Rel. Hum. | 4449821 | | 61431 | | 68.3 | 16.899 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | 1292371 | | 33595 | | 37.3 | 6.531 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 90 | |
| Wet Bulb | 122220 | | 29930 | | 33.3 | 5.469 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 90 | |
| Dew Point | 702696 | | 24352 | | 27.1 | 6.979 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 90 | |

USAFETAC
FORM 026-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

PSYCHROMETRIC SUMMARY

21 64

Page 1 0000-0200
HOURS: 5:30

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | |
|--------------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|----|-------|----|-----------|----------|----------|-----------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 64 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 62 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 58 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 56 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 54 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 46 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

27-66

444
MAY

PAGE 1 0600-0800
HOURS L. S. T.

[illegible]

PSYCHROMETRIC SUMMARY

MAY

PAGE 1 0900-100
HOURS 4. S. T. 1

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | |
|--------------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----------|----------|----------|-----------|----|----|----|-----|-----|----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | |
| 76/ 71 | | | | | | | | | | | | | | | | | .1 | .2 | .3 | .4 | .5 | | | | | | | | | | | | | 5 | 5 | | | | | | | |
| 74/ 73 | | | | | | | | | | | | | | | | | | .3 | .4 | .5 | .6 | .7 | | | | | | | | | | | | 5 | 5 | | | | | | | |
| 72/ 71 | | | | | | | | | | | | | | | | | .1 | .2 | .3 | .4 | .5 | .6 | .7 | | | | | | | | | | 8 | 8 | | | | | | | | |
| 70/ 69 | | | | | | | | | | | | | | | | | .2 | .3 | .4 | .5 | .6 | .7 | .8 | | | | | | | | | | 12 | 12 | | | | | | | | |
| 68/ 67 | | | | | | | | | | | | | | | | | .5 | .6 | .7 | .8 | .9 | 1.0 | 1.1 | | | | | | | | | | | 22 | 22 | | | | | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | .5 | .6 | .7 | .8 | .9 | 1.0 | 1.1 | 1.2 | | | | | | | | | | 27 | 27 | | | | | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | .3 | .4 | .5 | .6 | .7 | .8 | .9 | 1.0 | 1.1 | | | | | | | | | 36 | 36 | | | | | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | .3 | .4 | .5 | .6 | .7 | .8 | .9 | 1.0 | 1.1 | 1.2 | | | | | | | | | 35 | 35 | | | | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | .4 | .5 | .6 | .7 | .8 | .9 | 1.0 | 1.1 | 1.2 | 1.3 | | | | | | | | | 51 | 51 | 1 | | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | .4 | .5 | .6 | .7 | .8 | .9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | | | | | | | | | 62 | 62 | 0 | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | .4 | .5 | .6 | .7 | .8 | .9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | | | | | | | | | 82 | 82 | 18 | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | .4 | .5 | .6 | .7 | .8 | .9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | | | | | | | | 92 | 92 | 33 | 3 | | |
| 52/ 51 | | | | | | | | | | | | | | | | | .6 | .7 | .8 | .9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | | | | | | | | | 89 | 8 | 55 | 8 | | |
| 50/ 49 | | | | | | | | | | | | | | | | | .6 | .7 | .8 | .9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | | | | | | | | | 84 | 84 | 8 | 10 | |
| 48/ 47 | | | | | | | | | | | | | | | | | .6 | .7 | .8 | .9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | | | | | | | | | 82 | 82 | 26 | 23 |
| 46/ 45 | | | | | | | | | | | | | | | | | .8 | .9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | | | | | | | | | 65 | 65 | 110 | 32 | |
| 44/ 43 | | | | | | | | | | | | | | | | | .8 | .9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | | | | | | | | | 61 | 61 | 119 | 41 |
| 42/ 41 | | | | | | | | | | | | | | | | | .8 | .9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | | | | | | | | | | | |

USAFETAC
FORM
11-10-44
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

25201.
STATION

PRICE PERCENT 3 (ULT APT

51-66

YEARS

Page 2 C900-1100

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | TOTAL | | TOTAL | |
|--------------|-----|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|
| | | | | | | | | | | | | | | | | | | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| TOTAL | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 9.1 | 9.1 | 9.1 | 9.1 |
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PSYCHROMETRIC SUMMARY

21-66

DAY
WATER

PAGE 1 1200-1400

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|------------------------------------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|--|-------|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 84 84 | | | | | | | | | | | | | .3 | | | | | 4 | | | | | | | | | | | | | | | | | |
| 82 82 | | | | | | | | | | | | | .1 | | | | | 4 | | | | | | | | | | | | | | | | | |
| 80 80 | | | | | | | | | | | | .2 | .1 | | | | | 4 | | | | | | | | | | | | | | | | | |
| 78 78 | | | | | | | | | | | .2 | .1 | | | | | | 4 | | | | | | | | | | | | | | | | | |
| 76 76 | | | | | | | | | | | .1 | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| 74 74 | | | | | | | | | | | .1 | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| 72 72 | | | | | | | | | | | .1 | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| 70 70 | | | | | | | | | | | .1 | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| 68 68 | | | | | | | | | | | .1 | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| 66 66 | | | | | | | | | | | .1 | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| 64 64 | | | | | | | | | | | .1 | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| 62 62 | | | | | | | | | | | .1 | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| 60 60 | | | | | | | | | | | .1 | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| 58 58 | | | | | | | | | | | .1 | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| 56 56 | | | | | | | | | | | .1 | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| 54 54 | | | | | | | | | | | .1 | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| 52 52 | | | | | | | | | | | .1 | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| 50 50 | | | | | | | | | | | .1 | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| 48 48 | | | | | | | | | | | .1 | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| 46 46 | | | | | | | | | | | .1 | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| 44 44 | | | | | | | | | | | .1 | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| 42 42 | | | | | | | | | | | .1 | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| 40 40 | | | | | | | | | | | .1 | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| 38 38 | | | | | | | | | | | .1 | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| 36 36 | | | | | | | | | | | .1 | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| 34 34 | | | | | | | | | | | .1 | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| 32 32 | | | | | | | | | | | .1 | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| 30 30 | | | | | | | | | | | .1 | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| 28 28 | | | | | | | | | | | .1 | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| 26 26 | | | | | | | | | | | .1 | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| 24 24 | | | | | | | | | | | .1 | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| 22 22 | | | | | | | | | | | .1 | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| 20 20 | | | | | | | | | | | .1 | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| 18 18 | | | | | | | | | | | .1 | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| Element (X) | Σ x' | | Σ x | | x̄ | | s _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≤ 67 F | | ≤ 73 F | | ≤ 80 F | | ≤ 93 F | | Total | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

166

119

PAGE 2 1200-1400
HOURS S.T.

[illegible]

PSYCHROMETRIC SUMMARY

21-66

PAGE 1 1500-1700

[illegible]

PSYCHROMETRIC SUMMARY

766

94
95

PAGE 2 1800-2000

PSYCHROMETRIC SUMMARY

52. 1-100 PERGUE L. C. DILL API
STATION STATION NAME

21 66

2. **A Y**

STATION

STAT ON NAME

YEARS

Page 1 2100-2300

[illegible]

PSYCHROMETRIC SUMMARY

7-65

Page 1 0000-0200

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | DB. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | 7 | 2 | | | | | | | | | | | | | | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | 4 | 4 | | | | | | | | | | | | | | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | 12 | 4 | | | | | | | | | | | | | | | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | 14 | 4 | | | | | | | | | | | | | | | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | 20 | 2 | | | | | | | | | | | | | | | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | 16 | 3 | 3 | 3 | | | | | | | | | | | | | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | 50 | 5 | 8 | 4 | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | 79 | 7 | 9 | 22 | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | 91 | 9 | 68 | 35 | | | | | | | | | | | | | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | 101 | 10 | 120 | 65 | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | 103 | 10 | 114 | 79 | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | 114 | 11 | 122 | 116 | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | 77 | 7 | 113 | 118 | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | 68 | 6 | 96 | 107 | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | 62 | 6 | 88 | 100 | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | 36 | 3 | 53 | 95 | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | 13 | 1 | 39 | 63 | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | 4 | 0 | 7 | 40 | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | 3 | 0 | 7 | 20 | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 16 | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 13 | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| TOTAL | 9.94 | 12 | 11 | 6 | 5.4 | 2.4 | 2.0 | | | | | | | | | | | 900 | 500 | 900 | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS

1000

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 66/ 60 | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | |
| 62/ 59 | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | | | | | | | |
| 60/ 57 | | | | | | | | | | | | | | | | | | 6 | | | | | | | | | | | | | | | | | |
| 58/ 54 | | | | | | | | | | | | | | | | | | 22 | 22 | 2 | 1 | | | | | | | | | | | | | | |
| 56/ 53 | | | | | | | | | | | | | | | | | | 37 | 3 | 7 | 3 | | | | | | | | | | | | | | |
| 54/ 51 | | | | | | | | | | | | | | | | | | 51 | 51 | 23 | 9 | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | 72 | 7 | 40 | 21 | | | | | | | | | | | | | | |
| 50/ 46 | | | | | | | | | | | | | | | | | | 109 | 109 | 91 | 54 | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | 74 | 94 | 140 | 68 | | | | | | | | | | | | | | |
| 46/ 44 | | | | | | | | | | | | | | | | | | 107 | 107 | 100 | 106 | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | 104 | 104 | 119 | 107 | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | 92 | 92 | 107 | 124 | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | 85 | 85 | 116 | 105 | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | 57 | 57 | 74 | 110 | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | 27 | 27 | 18 | 91 | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | 21 | 21 | 30 | 36 | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | 9 | 9 | 16 | 30 | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | 2 | 2 | 6 | 26 | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 8 | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| TOTAL | 15.45 | 212 | 91 | 7.5 | 1.1 | 2 | 4 | | | | | | | | | | | 900 | 900 | 900 | 900 | | | | | | | | | | | | | | |

| Element (X) | Σx^2 | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 665666 | 669 | 85.21 | 11.13 | 900 | < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F | |
| Dry Bulb | 907990 | 41054 | 45.6 | 6.260 | 900 | | 1.2 | | | | | 90 |
| Wet Bulb | 717262 | 39060 | 43.3 | 5.454 | 900 | | 2.3 | | | | | 90 |
| Dew Point | 550572 | 37617 | 41.78 | 5.444 | 900 | | 6.5 | | | | | 90 |

PSYCHROMETRIC SUMMARY

57-66

10. *Ala. 1998*

PAGE 1 0600-0800
-DUBA- S. J.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 72/ 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC
FORM 0-26-5 (OL A)
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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

57-66

PAGE 1 1200-1400
HOURS S T

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PSYCHROMETRIC SUMMARY

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NO. 100

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | TOTAL D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
|--------------|--------------|------------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-----|--------------------|----------|----------|-----------|
| 22 / 2 | | | | .2 | 0.4 | 0.6 | 1.0 | 1.5 | 2.1 | 2.8 | 3.5 | 4.2 | 5.0 | 5.7 | 6.2 | | | | | | |
| 19 / 4 | | | | | | | | | | | | | | | | | | | 900 | 900 | 900 |
| Element (X) | ΣX^2 | ΣX | \bar{X} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | |
| Rel. Hum. | 340421 | 3131 | 47.9 | 17.279 | 900 | - 0 F | - 32 F | - 67 F | - 73 F | - 80 F | - 93 F | 90 | | | | | | | | | |
| Dry Bulb | 606629 | 20267 | 63.3 | 0.224 | 900 | | | 30.7 | 13.9 | 2.1 | | 90 | | | | | | | | | |
| Wet Bulb | 416027 | 46439 | 51.6 | 4.790 | 900 | | | | | | | 90 | | | | | | | | | |
| Dew Point | 599055 | 37475 | 41.6 | 6.607 | 900 | | 9.1 | | | | | 90 | | | | | | | | | |

PSYCHROMETRIC SUMMARY

| | |
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| 43200 | PRINCE GEORGE B C 17 APT |
| STATION | STATION NAME |

27-66

YEARS

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PAGE 1 1500-1700
HOURS S T

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

| | | |
|------|---------|----------------|
| 2520 | STATION | STATION NAME |
| | | GEORGE S. DILL |

2. 64

ARS


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PSYCHROMETRIC SUMMARY

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STATION STATION NAME

PAGE 1 0300-0500

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PSYCHROMETRIC SUMMARY

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PAGE 1 0900 1100

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PSYCHROMETRIC SUMMARY

57-66

MONTH

PAGE ? 1500-1700
HOURS (L. S. T.)

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb Wet Bulb Dew Point |
|--------------|--------------|------------|-----------|---------|----------|------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------------------|--------------------------------------|
| 101.4 | . | . . | . . . | | | | | | | | | | | | | | | 93.0 | 93.0 |
| Element (X) | Σx^2 | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | Total | | | | | | | | |
| Rel. Hum. | 395906 | 44176 | 47.5 | 17.895 | 930 | < 0 F | < 32 F | < 67 F | > 73 F | > 80 F | > 93 F | 93 | | | | | | | |
| Dry Bulb | 452104 | 64758 | 69.6 | 8.856 | 930 | | | 56.5 | 37.9 | 13.0 | | 93 | | | | | | | |
| Wet Bulb | 297204 | 52434 | 56.4 | 4.142 | 930 | | | | .2 | | | 93 | | | | | | | |
| Dew Point | 2077062 | 43692 | 47.0 | 5.207 | 930 | | .7 | | | | | 93 | | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS

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PAGE 1 1800-0000

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PSYCHROMETRIC SUMMARY

2520 PRINCE GEORGE B C DIST APT

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STATION

STATION NAME

YEARS

MUNTH

PAGE : 2100-2300

2400-2500
HOURS: 5-11

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PSYCHROMETRIC SUMMARY

51-65

YEARS

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MONTH

PAGE 1 0300-0500
HOURS 5:00-5:30

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USAFETAC
FORM
JUL 84
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

1946

10-15

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USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

21-66

YFARS

 AUG
MONTH

PAGE 1 0900-1100
HOURS OF THE DAY

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 92 81 | | | | | | | | | | | .1 | | | | | | | 1 | | | | | | | |
| 90 79 | | | | | | | | | | .1 | .2 | | | | | | | 4 | | | | | | | |
| 78 77 | | | | | | | | | .1 | .3 | .1 | | | | | | | 5 | | | | | | | |
| 76 75 | | | | | | | | .1 | .5 | .3 | .4 | .2 | | | | | | 15 | 11 | | | | | | |
| 74 73 | | | | | | | .1 | .6 | .9 | .6 | .4 | | | | | | | 23 | 23 | | | | | | |
| 72 71 | | | | | .2 | .4 | 1.2 | 1.4 | .9 | .8 | .2 | | | | | | | 34 | 34 | | | | | | |
| 70 69 | | | | .2 | .7 | 1.1 | .9 | .2 | .2 | | | | | | | | | 38 | 38 | | | | | | |
| 68 67 | | .1 | .3 | .4 | .6 | 1.0 | .4 | .2 | | | | | | | | | | 50 | 50 | | | | | | |
| 66 65 | | .2 | .3 | .5 | .9 | 1.4 | .9 | .2 | .1 | | | | | | | | | 61 | 61 | | | | | | |
| 64 63 | | .3 | 1.1 | 2.4 | .9 | 1.7 | .5 | | | | | | | | | | | 71 | 71 | 11 | | | | | |
| 62 61 | .2 | .9 | 1.0 | 2.4 | 2.3 | .8 | | | | | | | | | | | | 82 | 82 | 30 | 1 | | | | |
| 60 59 | .3 | .8 | 2.6 | 2.2 | 2.4 | .6 | | | | | | | | | | | | 91 | 77 | 77 | 8 | | | | |
| 58 57 | .9 | 1.9 | 2.5 | 2.8 | .3 | .1 | | | | | | | | | | | | 95 | 95 | 99 | 21 | | | | |
| 56 55 | .4 | 1.6 | 2.8 | 2.1 | .3 | | | | | | | | | | | | | 105 | 109 | 131 | 45 | | | | |
| 54 53 | .1 | .7 | 2.9 | 1.4 | .2 | | | | | | | | | | | | | 102 | 102 | 138 | 106 | | | | |
| 52 51 | .3 | .5 | 1.7 | .5 | | | | | | | | | | | | | | 81 | 81 | 146 | 123 | | | | |
| 50 49 | .1 | .3 | .4 | .5 | .4 | | | | | | | | | | | | | 36 | 36 | 147 | 168 | | | | |
| 48 47 | .1 | .1 | .1 | | | | | | | | | | | | | | | 24 | 24 | 91 | 123 | | | | |
| 46 45 | .5 | .6 | .1 | | | | | | | | | | | | | | | 12 | 12 | 35 | 118 | | | | |
| 44 43 | | | | | | | | | | | | | | | | | | | | 18 | 90 | | | | |
| 42 41 | | | | | | | | | | | | | | | | | | | | 3 | 66 | | | | |
| 40 39 | | | | | | | | | | | | | | | | | | | | 2 | 41 | | | | |
| 38 37 | | | | | | | | | | | | | | | | | | | | | 8 | | | | |
| 36 35 | | | | | | | | | | | | | | | | | | | | | 3 | | | | |
| 34 33 | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| 30 29 | | | | | | | | | | | | | | | | | | | | | 1 | | | | |
| TOTAL | 1.01 | 1.1 | 1.7 | 16.7 | 14.0 | 14.1 | 7.1 | 5.4 | 2.0 | 1.0 | .8 | | | | | | | 930 | 930 | 930 | 930 | | | | |

| Element (X) | Σx^2 | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|--------------|------------|-----------|-------|----------|------------------------------------|-----------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------|
| | | | | | | $\leq 0^\circ \text{F}$ | $< 32^\circ \text{F}$ | $\geq 67^\circ \text{F}$ | $\geq 73^\circ \text{F}$ | $\geq 80^\circ \text{F}$ | $\geq 93^\circ \text{F}$ | Total |
| Rel. Hum. | 4527362 | 6315 | 67.9 | 10.49 | 930 | | | | | | | |
| Dry Bulb | 1347209 | 55397 | 59.6 | 7.15 | 930 | | | 17.0 | 4.8 | .4 | | 93 |
| Wet Bulb | 627431 | 49257 | 53.0 | 4.469 | 930 | | | | | | | 93 |
| Dew Point | 2175049 | 44747 | 48.1 | 4.871 | 930 | | .1 | | | | | 93 |

PSYCHROMETRIC SUMMARY

91-66

PAGE 1200-1400
HOURS 5:00-5:00

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | |
|--------------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|-----|----|-----|----|-------|-----|-------|----|----|----|----|----|-----------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 88 | .8 | | | | | | | | | | | | | | | | | | | | | | .2 | | .2 | | | | | | | | | 5 | | |
| 86 | .8 | | | | | | | | | | | | | | | | | | | | | .1 | | .1 | | | | | | | | | 2 | | | |
| 84 | .8 | | | | | | | | | | | | | | | | | | | | .4 | | .4 | | | .4 | | | | | | | 10 | | 10 | |
| 82 | .8 | | | | | | | | | | | | | | | | | | | | .6 | | .6 | | | .6 | | | | | | | 21 | | 21 | |
| 80 | .8 | | | | | | | | | | | | | | | | | | | | .8 | | .8 | | | .8 | | | .1 | | | | 36 | | 36 | |
| 78 | .8 | | | | | | | | | | | | | | | | | | | | 1.0 | | 1.0 | | | 1.0 | | | | | | | 45 | | 45 | |
| 76 | .8 | | | | | | | | | | | | | | | | | | | | 1.2 | | 1.2 | | | 1.2 | | | | | | | 51 | | 51 | |
| 74 | .8 | | | | | | | | | | | | | | | | | | | | 1.4 | | 1.4 | | | 1.4 | | | | | | | 57 | | 57 | |
| 72 | .8 | | | | | | | | | | | | | | | | | | | | 1.6 | | 1.6 | | | 1.6 | | | | | | | 61 | | 61 | |
| 70 | .8 | | | | | | | | | | | | | | | | | | | | 1.8 | | 1.8 | | | 1.8 | | | | | | | 64 | | 64 | |
| 68 | .8 | | | | | | | | | | | | | | | | | | | | 2.0 | | 2.0 | | | 2.0 | | | | | | | 67 | | 67 | |
| 66 | .8 | | | | | | | | | | | | | | | | | | | | 2.2 | | 2.2 | | | 2.2 | | | | | | | 69 | | 69 | |
| 64 | .8 | | | | | | | | | | | | | | | | | | | | 2.4 | | 2.4 | | | 2.4 | | | | | | | 71 | | 71 | |
| 62 | .8 | | | | | | | | | | | | | | | | | | | | 2.6 | | 2.6 | | | 2.6 | | | | | | | 73 | | 73 | |
| 60 | .8 | | | | | | | | | | | | | | | | | | | | 2.8 | | 2.8 | | | 2.8 | | | | | | | 75 | | 75 | |
| 58 | .8 | | | | | | | | | | | | | | | | | | | | 3.0 | | 3.0 | | | 3.0 | | | | | | | 77 | | 77 | |
| 56 | .8 | | | | | | | | | | | | | | | | | | | | 3.2 | | 3.2 | | | 3.2 | | | | | | | 79 | | 79 | |
| 54 | .8 | | | | | | | | | | | | | | | | | | | | 3.4 | | 3.4 | | | 3.4 | | | | | | | 81 | | 81 | |
| 52 | .8 | | | | | | | | | | | | | | | | | | | | 3.6 | | 3.6 | | | 3.6 | | | | | | | 83 | | 83 | |
| 50 | .8 | | | | | | | | | | | | | | | | | | | | 3.8 | | 3.8 | | | 3.8 | | | | | | | 85 | | 85 | |
| 48 | .8 | | | | | | | | | | | | | | | | | | | | 4.0 | | 4.0 | | | 4.0 | | | | | | | 87 | | 87 | |
| 46 | .8 | | | | | | | | | | | | | | | | | | | | 4.2 | | 4.2 | | | 4.2 | | | | | | | 89 | | 89 | |
| 44 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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PRINCE GEORGE APT, BRITISH COLUMBIA, CANADA; REVISED UNIFORM SU--ETC(1)
NOV 71

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
PRINCE GEORGE APT, BRITISH COLUMBIA, CANADA; REVISED UNIFORM SU--ETC(11)
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PSYCHROMETRIC SUMMARY

51-66

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PAGE 1 1800-2000

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PSYCHROMETRIC SUMMARY

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PAGE 1 1100-2400
HOURS L. S. T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|--------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 40 | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | |
| 46 | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| 47 | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | |
| 48 | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | |
| 50 | | | | | .2 | .1 | .5 | .2 | .1 | | | | | | | | | 2 | | | | | | | | | | | | | | | | | |
| 56 | | | .1 | .4 | .5 | .6 | .3 | .5 | .1 | | | | | | | | | 22 | 2 | | | | | | | | | | | | | | | | |
| 59 | | | | .3 | .4 | .5 | .3 | | | | | | | | | | | 29 | 29 | | | | | | | | | | | | | | | | |
| 64 | | | .6 | .4 | .1 | .5 | .4 | | | | | | | | | | | 30 | | 3 | | | | | | | | | | | | | | | |
| 62 | | .4 | .5 | 1.6 | 1.1 | .5 | .6 | | | | | | | | | | | 44 | 4 | 9 | 1 | | | | | | | | | | | | | | |
| 60 | | .5 | .4 | 2.2 | .7 | .2 | | | | | | | | | | | | 73 | 7 | 10 | 10 | | | | | | | | | | | | | | |
| 58 | .5 | 2.7 | 3.1 | 1.0 | .4 | .1 | .1 | | | | | | | | | | | 74 | 7 | 51 | 31 | | | | | | | | | | | | | | |
| 56 | .8 | 4.8 | 4.1 | 1.9 | 1.2 | .1 | | | | | | | | | | | | 119 | 11 | 114 | 52 | | | | | | | | | | | | | | |
| 54 | 1.8 | 7.3 | 3.2 | .4 | .3 | | | | | | | | | | | | | 177 | 12 | 135 | 100 | | | | | | | | | | | | | | |
| 52 | 1.2 | 7.1 | 2.7 | .6 | .1 | | | | | | | | | | | | | 169 | 12 | 135 | 124 | | | | | | | | | | | | | | |
| 50 | 1.1 | 5.8 | 1.9 | .4 | .1 | | | | | | | | | | | | | 93 | 9 | 150 | 147 | | | | | | | | | | | | | | |
| 48 | 1.8 | 3.7 | 1.8 | .2 | | | | | | | | | | | | | | 70 | 7 | 112 | 128 | | | | | | | | | | | | | | |
| 46 | 1.1 | 4.9 | .5 | .1 | | | | | | | | | | | | | | 64 | 6 | 78 | 106 | | | | | | | | | | | | | | |
| 44 | 1.0 | .4 | | .1 | | | | | | | | | | | | | | 32 | 3 | 60 | 101 | | | | | | | | | | | | | | |
| 42 | .5 | .7 | .1 | | | | | | | | | | | | | | | 15 | 1 | 31 | 65 | | | | | | | | | | | | | | |
| 40 | | .2 | | | | | | | | | | | | | | | | 4 | | 7 | 38 | | | | | | | | | | | | | | |
| 38 | | .1 | | | | | | | | | | | | | | | | 2 | | 4 | 14 | | | | | | | | | | | | | | |
| 36 | | .1 | | | | | | | | | | | | | | | | 1 | | 1 | 6 | | | | | | | | | | | | | | |
| 34 | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | | | | |
| TOTAL | 10.88 | 421.11 | .4 | 7.5 | 2.7 | 2.4 | .9 | .3 | .1 | .1 | .1 | .1 | .1 | | | | | 930 | 93 | 930 | 930 | | | | | | | | | | | | | | |

USAFETAC
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PSYCHROMETRIC SUMMARY

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PAGE 1 0300-0500

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PSYCHROMETRIC SUMMARY

YEARS

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PAGE : 0900-1100
HOURS : 5. T.

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

27-60

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PSYCHROMETRIC SUMMARY

27-60

YEARS

PAGE 1 1200-1400
HOURS

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------------|-----------|------------|----------|------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 67/67 | | | | | | | | .1 | | .1 | | | | | | | | 7 | | | | | | | | | | | | | | | | | |
| 68/67 | | | | | | | | .1 | .4 | .4 | | | | | | | | 7 | | | | | | | | | | | | | | | | | |
| 66/67 | | | | | | | | .4 | | .4 | | | | | | | | 4 | | | | | | | | | | | | | | | | | |
| 64/67 | | | | | | | | .4 | .4 | .1 | .1 | | | | | | | 18 | | | | | | | | | | | | | | | | | |
| 62/67 | | | | | | | | .5 | .6 | .8 | .1 | | | | | | | 16 | | | | | | | | | | | | | | | | | |
| 60/60 | | | | | | | | .4 | .8 | .8 | | | | | | | | 26 | | | | | | | | | | | | | | | | | |
| 58/57 | | .2 | | | | | | .6 | 1.1 | .8 | | | | | | | | 35 | 35 | | 3 | | | | | | | | | | | | | | |
| 56/57 | | | .4 | | .2 | | | .8 | .8 | | | | | | | | | 20 | 20 | 1 | 1 | | | | | | | | | | | | | | |
| 54/57 | | | .2 | .6 | 1.1 | .9 | 1.3 | .4 | | | | | | | | | | 45 | 45 | 3 | 1 | | | | | | | | | | | | | | |
| 52/57 | | | .5 | | 1.7 | 2.3 | 1.3 | .4 | | | | | | | | | | 62 | 62 | 26 | 2 | | | | | | | | | | | | | | |
| 50/57 | | .2 | .1 | 1.1 | 2.3 | 3.1 | .6 | .2 | | | | | | | | | | 63 | 84 | 54 | 18 | | | | | | | | | | | | | | |
| 48/57 | | | .2 | .2 | 2.8 | 3.7 | 1.4 | .1 | | | | | | | | | | 107 | 104 | 59 | 24 | | | | | | | | | | | | | | |
| 46/45 | | .4 | .8 | .8 | 4.1 | 4.8 | .8 | | .1 | | | | | | | | | 118 | 114 | 67 | 51 | | | | | | | | | | | | | | |
| 44/43 | | .3 | .7 | .5 | 3.0 | 3.6 | .1 | | | | | | | | | | | 94 | 94 | 119 | 51 | | | | | | | | | | | | | | |
| 42/41 | | .4 | .8 | .2 | 2.4 | .7 | .2 | | | | | | | | | | | 79 | 77 | 121 | 73 | | | | | | | | | | | | | | |
| 40/37 | 1.5 | .6 | .6 | 1.4 | .7 | | | | | | | | | | | | | 58 | 58 | 123 | 88 | | | | | | | | | | | | | | |
| 38/37 | .9 | .3 | .4 | 1.3 | | | | | | | | | | | | | | 34 | 34 | 100 | 76 | | | | | | | | | | | | | | |
| 36/35 | 1.1 | .1 | 1.1 | .6 | .1 | | | | | | | | | | | | | 36 | 36 | 94 | 103 | | | | | | | | | | | | | | |
| 34/33 | .9 | .2 | | .3 | .7 | | | | | | | | | | | | | 38 | 38 | 88 | 101 | | | | | | | | | | | | | | |
| 32/31 | .4 | .1 | .4 | | | | | | | | | | | | | | | 25 | 24 | 76 | 89 | | | | | | | | | | | | | | |
| 30/27 | .2 | .4 | .2 | .1 | .7 | | | | | | | | | | | | | 10 | 10 | 7 | 61 | | | | | | | | | | | | | | |
| 28/27 | | | .1 | .2 | .7 | | | | | | | | | | | | | 4 | 4 | 10 | 52 | | | | | | | | | | | | | | |
| 26/25 | | .1 | | .1 | | | | | | | | | | | | | | 4 | 4 | 5 | 43 | | | | | | | | | | | | | | |
| 24/23 | | | | | | | | | | | | | | | | | | 1 | 1 | 3 | 42 | | | | | | | | | | | | | | |
| 22/21 | | | | | | | | | | | | | | | | | | | | 3 | 27 | | | | | | | | | | | | | | |
| 20/19 | | | | | | | | | | | | | | | | | | | | 3 | 11 | | | | | | | | | | | | | | |
| 18/17 | | | | | | | | | | | | | | | | | | | | | 6 | | | | | | | | | | | | | | |
| 16/15 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| 10/9 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| 8/7 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| 6/5 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| 4/3 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| -2/3 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| Element (X) | Σx^2 | Σx | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | $\leq 0\text{ F}$ | $\sim 32\text{ F}$ | $\sim 67\text{ F}$ | $\sim 73\text{ F}$ | $\sim 80\text{ F}$ | $\sim 93\text{ F}$ | Total | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|------------|-----------|-------|----------|------------------------------------|----------|----------|----------|----------|----------|-------|-------|-------|----|-------|----|----|---------|----|-------|------|-------|----|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27 | 28-29 | 30 | 31 | DB W.B. | DB | B | W.B. | B | DB | F |
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| -4 | | | | | | | | | | | | | | | | | | | | | | | | | |
| -6 | | | | | | | | | | | | | | | | | | | | | | | | | |
| -8 | | | | | | | | | | | | | | | | | | | | | | | | | |
| -10 | | | | | | | | | | | | | | | | | | | | | | | | | |
| -12 | | | | | | | | | | | | | | | | | | | | | | | | | |
| -14 | | | | | | | | | | | | | | | | | | | | | | | | | |
| -16 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σx^2 | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | | Total | | | | | | | | | | | | |
| Ref. Hum. | | | | | | ≤ 0 F | > 32 F | > 67 F | > 73 F | > 80 F | > 93 F | Total | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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PAGE 2 19-1100

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Point | TOTAL |
|--------------|---|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|--|-------|
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| 24 | | | | | | | | | | | | | | | | | | | 2 |
| 26 | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | | 1.4 | 1.4 | 4.7 | 2.2 | | | | | | | | | | | | | 900 | 900 |
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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

21-66

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| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | TOTAL D.B., W.B. | Dry Bulb | Total Wet Bulb | Dew Point |
|--------------|-------------|------------|-----------|---------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-----|---------------------|----------|-------------------|-----------|
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 5 |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | 4 |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | 1 |
| 101A | | | | | | | | | | | | | | | | | | | | | 900 |
| | | | | | | | | | | | | | | | | | | | | | 900 |
| Element (X) | $\Sigma x'$ | Σx | \bar{x} | s_x^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | |
| Rel. Hum. | 5429.74 | 68874 | 76.513 | .298 | 900 | < 0 F | > 32 F | > 67 F | > 73 F | > 80 F | > 93 F | 90 | | | | | | | | | |
| Dry Bulb | 927.92 | 26777 | 29.812 | .63 | 900 | 3.2 | 44.5 | | | | | 90 | | | | | | | | | |
| Wet Bulb | 778.56 | 24588 | 27.31 | .915 | 900 | 3.7 | 58.9 | | | | | 90 | | | | | | | | | |
| Dew Point | 594.11 | 20607 | 22.911 | .658 | 900 | 6.4 | 75.9 | | | | | 90 | | | | | | | | | |

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PSYCHROMETRIC SUMMARY

DER

YEARS

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

[illegible]

PSYCHROMETRIC SUMMARY

| | | |
|------|---------|--------------|
| 2420 | STATION | STATION NAME |
|------|---------|--------------|

PAGE 4 44-38860

[illegible]

PSYCHROMETRIC SUMMARY

21 56.

PAGE 2 0300-0500

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

21. 66

NEC

10 11 12

0600-0800

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 20 | 2 | | | | | | | | | | | | | | | | | 2 | 6 | 6 | 13 | | | | | | | | | | | | | | |
| 22 | 2 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 5 | | | | | | | | | | | | | | |
| 24 | 2 | | | | | | | | | | | | | | | | | 5 | | 5 | 6 | | | | | | | | | | | | | | |
| 26 | 2 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 4 | | | | | | | | | | | | | | |
| 28 | 2 | | | | | | | | | | | | | | | | | | | 5 | 3 | | | | | | | | | | | | | | |
| 30 | 3 | | | | | | | | | | | | | | | | | 1 | | 1 | 3 | | | | | | | | | | | | | | |
| 32 | 3 | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| 36 | 5 | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| 40 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 11 | 3 | 6 | 2 | 1 | 6 | | | | | | | | | | | | 927 | | 927 | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma X'$ | ΣX | \bar{X} | σ_X | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F | |
| Rel. Hum. | 674366 | 78638 | 84.8 | 8.864 | 927 | | | | | | | 93 |
| Dry Bulb | 557.65 | 175 | 14.81 | 15.66 | 930 | 13.3 | 77.3 | | | | | 93 |
| Wet Bulb | 504.65 | 685 | 18.21 | 14.606 | 927 | 13.3 | 81.7 | | | | | 93 |
| Dew Point | 431.87 | 14001 | 15.11 | 15.406 | 927 | 16.3 | 86.7 | | | | | 93 |

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

DEC -
MONTH

PAGE 1 C900-1100
NOV 95 U.S.T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------------|-----------|------------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 47-47 | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | |
| 46-47 | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | | |
| 44-47 | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | | | | | | | |
| 42-47 | | | | | | | | | | | | | | | | | | 13 | 14 | 3 | | | | | | | | | | | | | | | |
| 40-47 | | | | | | | | | | | | | | | | | | 17 | 17 | 4 | 1 | | | | | | | | | | | | | | |
| 38-47 | | | | | | | | | | | | | | | | | | 27 | 27 | 20 | 3 | | | | | | | | | | | | | | |
| 36-47 | | | | | | | | | | | | | | | | | | 58 | 58 | 45 | 16 | | | | | | | | | | | | | | |
| 34-47 | | | | | | | | | | | | | | | | | | 55 | 55 | 55 | 46 | | | | | | | | | | | | | | |
| 32-47 | | | | | | | | | | | | | | | | | | 76 | 76 | 66 | 46 | | | | | | | | | | | | | | |
| 30-47 | | | | | | | | | | | | | | | | | | 53 | 56 | 76 | 65 | | | | | | | | | | | | | | |
| 28-47 | | | | | | | | | | | | | | | | | | 68 | 68 | 80 | 68 | | | | | | | | | | | | | | |
| 26-47 | | | | | | | | | | | | | | | | | | 64 | 55 | 74 | 80 | | | | | | | | | | | | | | |
| 24-47 | | | | | | | | | | | | | | | | | | 46 | 38 | 64 | 75 | | | | | | | | | | | | | | |
| 22-47 | | | | | | | | | | | | | | | | | | 52 | 52 | 48 | 49 | | | | | | | | | | | | | | |
| 20-47 | | | | | | | | | | | | | | | | | | 47 | 47 | 58 | 42 | | | | | | | | | | | | | | |
| 18-47 | | | | | | | | | | | | | | | | | | 53 | 55 | 56 | 61 | | | | | | | | | | | | | | |
| 16-47 | | | | | | | | | | | | | | | | | | 32 | 32 | 32 | 58 | | | | | | | | | | | | | | |
| 14-47 | | | | | | | | | | | | | | | | | | 24 | 24 | 28 | 33 | | | | | | | | | | | | | | |
| 12-47 | | | | | | | | | | | | | | | | | | 19 | 19 | 18 | 21 | | | | | | | | | | | | | | |
| 10-47 | | | | | | | | | | | | | | | | | | 18 | 18 | 19 | 27 | | | | | | | | | | | | | | |
| 8-47 | | | | | | | | | | | | | | | | | | 16 | 16 | 17 | 17 | | | | | | | | | | | | | | |
| 6-47 | | | | | | | | | | | | | | | | | | 18 | 18 | 20 | 12 | | | | | | | | | | | | | | |
| 4-47 | | | | | | | | | | | | | | | | | | 17 | 17 | 15 | 24 | | | | | | | | | | | | | | |
| 2-47 | | | | | | | | | | | | | | | | | | 23 | 23 | 24 | 13 | | | | | | | | | | | | | | |
| 0-47 | | | | | | | | | | | | | | | | | | 16 | 16 | 16 | 19 | | | | | | | | | | | | | | |
| -2-47 | | | | | | | | | | | | | | | | | | 19 | 19 | 19 | 15 | | | | | | | | | | | | | | |
| -4-47 | | | | | | | | | | | | | | | | | | 13 | 13 | 14 | 20 | | | | | | | | | | | | | | |
| -6-47 | | | | | | | | | | | | | | | | | | 17 | 17 | 16 | 9 | | | | | | | | | | | | | | |
| -8-47 | | | | | | | | | | | | | | | | | | 11 | 11 | 12 | 19 | | | | | | | | | | | | | | |
| -10-47 | | | | | | | | | | | | | | | | | | 6 | 6 | 7 | 12 | | | | | | | | | | | | | | |
| -12-47 | | | | | | | | | | | | | | | | | | 9 | 9 | 9 | 9 | | | | | | | | | | | | | | |
| -14-47 | | | | | | | | | | | | | | | | | | 10 | 10 | 10 | 19 | | | | | | | | | | | | | | |
| -16-47 | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 9 | | | | | | | | | | | | | | |
| -18-47 | | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 6 | | | | | | | | | | | | | | |
| Element (X) | $\Sigma X'$ | ΣX | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

91-65

PAGE 1 1200-1400

[illegible]

PSYCHROMETRIC SUMMARY

21-65

YEARS

11. 2000

Page 1800-2000
HRS 1-5-1[illegible]

PSYCHROMETRIC SUMMARY

57-66

STAY ON

S * A' UN NAME

YEARS

PAGE 1 01002300

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

25206 PRINCE GEORGE M C DUT APT

57-66

| STATION | STATION NAME | YEARS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|--------------|--------|------------|------|--------|------|------|--------|------|------|-------|------|------|--------|------|--------|-------|------|------|--------|------|------|--------|------|------|-------|------|------|--------|------|------|--------|------|------|--------|-------|
| HRS | MEAN | ST. D. | TOTAL OBS. | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | | | | | | | | | | | | | | | | | | | | |
| 00-02 | 12.1 | 14.873 | 930 | 19.9 | 15.215 | 846 | 25.1 | 11.233 | 930 | 34.2 | 6.326 | 900 | 41.9 | 7.055 | 930 | 48.2 | 5.525 | 900 | 57.3 | 6.070 | 930 | 50.4 | 7.624 | 900 | 43.7 | 8.735 | 930 | 37.9 | 12.920 | 900 | 25.0 | 15.312 | 930 | 19.8 | 16.994 | 10956 |
| 03-05 | 11.6 | 19.341 | 930 | 18.6 | 15.906 | 846 | 23.4 | 11.910 | 930 | 32.1 | 6.355 | 900 | 39.0 | 6.645 | 930 | 45.6 | 6.266 | 900 | 49.4 | 4.970 | 930 | 48.0 | 6.113 | 930 | 41.8 | 7.853 | 900 | 36.8 | 8.928 | 930 | 24.3 | 12.892 | 900 | 19.3 | 15.534 | 10956 |
| 06-08 | 11.2 | 19.759 | 930 | 17.6 | 16.281 | 846 | 23.0 | 12.305 | 930 | 34.5 | 6.541 | 900 | 44.3 | 7.181 | 930 | 51.4 | 5.921 | 900 | 55.0 | 5.054 | 930 | 51.1 | 6.378 | 930 | 42.7 | 7.452 | 900 | 36.6 | 8.842 | 930 | 23.7 | 12.831 | 900 | 18.8 | 15.660 | 10956 |
| 09-11 | 12.8 | 18.557 | 930 | 21.5 | 14.279 | 846 | 29.5 | 10.935 | 930 | 42.0 | 7.100 | 900 | 52.1 | 8.492 | 930 | 58.5 | 7.049 | 900 | 62.9 | 7.091 | 930 | 59.6 | 7.150 | 930 | 50.6 | 6.888 | 899 | 41.5 | 8.134 | 930 | 26.3 | 12.540 | 900 | 19.8 | 15.293 | 10955 |
| 12-14 | 16.9 | 16.544 | 930 | 27.1 | 12.219 | 846 | 35.3 | 9.942 | 930 | 46.9 | 7.805 | 900 | 56.9 | 9.479 | 930 | 63.3 | 8.224 | 900 | 68.2 | 8.324 | 930 | 65.1 | 8.583 | 930 | 56.7 | 7.527 | 900 | 46.2 | 8.150 | 930 | 29.8 | 12.063 | 900 | 23.0 | 14.158 | 10956 |
| 15-17 | 17.2 | 16.360 | 930 | 28.2 | 11.653 | 846 | 37.0 | 9.638 | 930 | 48.1 | 8.096 | 900 | 58.3 | 9.848 | 930 | 64.6 | 8.764 | 900 | 69.6 | 8.856 | 930 | 66.3 | 9.385 | 930 | 58.1 | 8.034 | 900 | 46.4 | 8.357 | 930 | 28.9 | 11.727 | 900 | 22.5 | 13.883 | 10956 |
| 18-20 | 14.5 | 17.626 | 930 | 24.2 | 12.655 | 846 | 31.9 | 9.581 | 930 | 43.5 | 7.720 | 900 | 55.0 | 9.309 | 930 | 61.5 | 8.427 | 900 | 66.3 | 8.363 | 930 | 61.8 | 8.950 | 930 | 51.7 | 7.247 | 900 | 41.4 | 7.923 | 930 | 26.2 | 12.193 | 900 | 20.9 | 14.592 | 10956 |
| 21-23 | 19.0 | 18.453 | 930 | 22.0 | 13.989 | 846 | 27.7 | 10.305 | 930 | 37.3 | 6.531 | 900 | 47.1 | 7.608 | 930 | 53.6 | 6.714 | 900 | 57.6 | 5.960 | 930 | 54.0 | 6.561 | 930 | 46.3 | 6.995 | 900 | 39.0 | 8.170 | 930 | 25.1 | 12.934 | 900 | 20.2 | 15.003 | 10956 |
| ALL HOURS | 13.6 | 16.347 | 7440 | 22.4 | 14.565 | 6768 | 29.1 | 11.867 | 7440 | 39.8 | 9.114 | 7200 | 49.3 | 10.716 | 7440 | 55.8 | 9.909 | 7200 | 60.2 | 10.004 | 7440 | 57.1 | 10.032 | 7440 | 48.9 | 9.502 | 7199 | 40.7 | 9.161 | 7440 | 26.1 | 12.675 | 7200 | 20.6 | 15.001 | 87647 |

USAFETAC 10PM 0895 (OLII)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

25206 PRINCE GEORGE B C OUT APT

57-66

| STATION | STATION NAME | YEARS | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|--------------|-------|---|---|---|--|--|--|--|--|--|--|---|---|--|
| 00-02 | | | MEAN 11.7 S D 17.814 TOTAL OBS 924 | MEAN 16.6 S D 14.272 TOTAL OBS 846 | MEAN 23.3 S D 10.304 TOTAL OBS 930 | MEAN 31.2 S D 5.562 TOTAL OBS 900 | MEAN 38.2 S D 5.993 TOTAL OBS 930 | MEAN 45.1 S D 5.320 TOTAL OBS 900 | MEAN 49.3 S D 4.111 TOTAL OBS 930 | MEAN 48.3 S D 5.103 TOTAL OBS 930 | MEAN 42.0 S D 6.985 TOTAL OBS 900 | MEAN 35.7 S D 7.425 TOTAL OBS 930 | MEAN 23.8 S D 12.275 TOTAL OBS 900 | MEAN 19.0 S D 14.263 TOTAL OBS 927 | MEAN 32.3 S D 15.436 TOTAL OBS 10947 |
| 03-05 | | | MEAN 11.5 S D 14.034 TOTAL OBS 919 | MEAN 17.6 S D 14.908 TOTAL OBS 846 | MEAN 21.8 S D 11.246 TOTAL OBS 930 | MEAN 29.7 S D 5.672 TOTAL OBS 900 | MEAN 36.4 S D 6.050 TOTAL OBS 930 | MEAN 43.3 S D 5.454 TOTAL OBS 900 | MEAN 47.3 S D 4.298 TOTAL OBS 930 | MEAN 46.4 S D 5.505 TOTAL OBS 930 | MEAN 40.5 S D 7.336 TOTAL OBS 900 | MEAN 34.8 S D 7.629 TOTAL OBS 930 | MEAN 21.2 S D 12.288 TOTAL OBS 900 | MEAN 18.6 S D 14.471 TOTAL OBS 927 | MEAN 31.0 S D 15.637 TOTAL OBS 10940 |
| 06-08 | | | MEAN 11.4 S D 18.231 TOTAL OBS 915 | MEAN 16.7 S D 15.333 TOTAL OBS 844 | MEAN 21.5 S D 11.608 TOTAL OBS 930 | MEAN 31.3 S D 5.671 TOTAL OBS 900 | MEAN 39.7 S D 5.778 TOTAL OBS 930 | MEAN 46.9 S D 4.578 TOTAL OBS 900 | MEAN 50.9 S D 4.054 TOTAL OBS 930 | MEAN 48.6 S D 5.151 TOTAL OBS 930 | MEAN 41.2 S D 6.994 TOTAL OBS 900 | MEAN 34.7 S D 7.691 TOTAL OBS 930 | MEAN 22.7 S D 12.209 TOTAL OBS 900 | MEAN 18.2 S D 14.606 TOTAL OBS 927 | MEAN 32.1 S D 16.697 TOTAL OBS 10936 |
| 09-11 | | | MEAN 12.4 S D 17.644 TOTAL OBS 922 | MEAN 19.9 S D 13.257 TOTAL OBS 846 | MEAN 26.3 S D 9.775 TOTAL OBS 930 | MEAN 35.8 S D 5.381 TOTAL OBS 900 | MEAN 43.5 S D 5.734 TOTAL OBS 930 | MEAN 50.0 S D 4.655 TOTAL OBS 900 | MEAN 54.3 S D 4.278 TOTAL OBS 930 | MEAN 53.0 S D 4.469 TOTAL OBS 930 | MEAN 46.2 S D 5.962 TOTAL OBS 899 | MEAN 38.1 S D 6.833 TOTAL OBS 930 | MEAN 24.7 S D 11.075 TOTAL OBS 900 | MEAN 19.0 S D 14.745 TOTAL OBS 927 | MEAN 35.4 S D 16.889 TOTAL OBS 10944 |
| 12-14 | | | MEAN 15.7 S D 15.678 TOTAL OBS 930 | MEAN 24.5 S D 10.902 TOTAL OBS 846 | MEAN 30.4 S D 8.308 TOTAL OBS 930 | MEAN 38.3 S D 5.366 TOTAL OBS 900 | MEAN 45.5 S D 5.753 TOTAL OBS 920 | MEAN 51.6 S D 4.790 TOTAL OBS 900 | MEAN 55.9 S D 4.319 TOTAL OBS 930 | MEAN 54.9 S D 4.554 TOTAL OBS 930 | MEAN 49.2 S D 5.816 TOTAL OBS 900 | MEAN 40.8 S D 6.399 TOTAL OBS 930 | MEAN 27.3 S D 10.915 TOTAL OBS 900 | MEAN 21.6 S D 13.213 TOTAL OBS 929 | MEAN 38.1 S D 15.911 TOTAL OBS 10955 |
| 15-17 | | | MEAN 16.0 S D 15.480 TOTAL OBS 930 | MEAN 25.5 S D 10.299 TOTAL OBS 846 | MEAN 31.5 S D 7.817 TOTAL OBS 930 | MEAN 38.8 S D 5.332 TOTAL OBS 900 | MEAN 46.1 S D 5.693 TOTAL OBS 930 | MEAN 52.1 S D 4.749 TOTAL OBS 900 | MEAN 56.4 S D 4.142 TOTAL OBS 930 | MEAN 55.3 S D 4.488 TOTAL OBS 930 | MEAN 49.9 S D 5.959 TOTAL OBS 900 | MEAN 41.0 S D 6.494 TOTAL OBS 930 | MEAN 26.9 S D 10.786 TOTAL OBS 900 | MEAN 21.2 S D 13.165 TOTAL OBS 930 | MEAN 38.5 S D 15.919 TOTAL OBS 10956 |
| 18-20 | | | MEAN 13.6 S D 16.877 TOTAL OBS 930 | MEAN 22.4 S D 11.574 TOTAL OBS 846 | MEAN 28.4 S D 8.398 TOTAL OBS 930 | MEAN 36.7 S D 5.430 TOTAL OBS 900 | MEAN 45.0 S D 5.779 TOTAL OBS 930 | MEAN 51.5 S D 4.853 TOTAL OBS 900 | MEAN 55.9 S D 4.198 TOTAL OBS 930 | MEAN 54.3 S D 4.749 TOTAL OBS 930 | MEAN 47.5 S D 6.232 TOTAL OBS 900 | MEAN 38.2 S D 6.656 TOTAL OBS 930 | MEAN 24.9 S D 11.923 TOTAL OBS 900 | MEAN 19.9 S D 13.831 TOTAL OBS 929 | MEAN 36.6 S D 16.691 TOTAL OBS 10955 |
| 21-23 | | | MEAN 12.4 S D 17.580 TOTAL OBS 927 | MEAN 20.5 S D 12.930 TOTAL OBS 846 | MEAN 25.4 S D 9.501 TOTAL OBS 930 | MEAN 33.3 S D 5.469 TOTAL OBS 900 | MEAN 41.4 S D 5.870 TOTAL OBS 930 | MEAN 48.4 S D 4.991 TOTAL OBS 900 | MEAN 52.6 S D 4.051 TOTAL OBS 930 | MEAN 50.8 S D 4.795 TOTAL OBS 930 | MEAN 44.1 S D 6.509 TOTAL OBS 900 | MEAN 36.6 S D 6.947 TOTAL OBS 930 | MEAN 23.9 S D 12.217 TOTAL OBS 900 | MEAN 19.4 S D 13.924 TOTAL OBS 927 | MEAN 34.1 S D 16.248 TOTAL OBS 10950 |
| ALL HOURS | | | MEAN 13.1 S D 17.245 TOTAL OBS 7397 | MEAN 20.7 S D 13.377 TOTAL OBS 6764 | MEAN 26.1 S D 10.359 TOTAL OBS 7440 | MEAN 34.4 S D 6.386 TOTAL OBS 7200 | MEAN 42.0 S D 6.752 TOTAL OBS 7440 | MEAN 48.6 S D 5.797 TOTAL OBS 7200 | MEAN 52.8 S D 5.257 TOTAL OBS 7440 | MEAN 51.4 S D 5.809 TOTAL OBS 7440 | MEAN 45.1 S D 7.343 TOTAL OBS 7199 | MEAN 37.5 S D 7.398 TOTAL OBS 7440 | MEAN 24.7 S D 11.847 TOTAL OBS 7200 | MEAN 19.6 S D 14.014 TOTAL OBS 7423 | MEAN 34.7 S D 16.448 TOTAL OBS 87583 |

MEANS AND STANDARD DEVIATIONS

25276 PRINCE GEORGE B C UNIT APT

57-66

100

S'AD' / 2 NAME

YEARS

USAFETAC FORM 0 89 5 (OL1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

25206 PRINCE GEORGE B C OUT APT

57-65

ALL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60 | 70 | 80 | 90 | | |
| JAN | ALL | 100.0 | 100.0 | 100.0 | 99.9 | 99.4 | 97.0 | 86.6 | 62.9 | 25.8 | 82.5 | 7395 |
| FEB | | 100.0 | 100.0 | 100.0 | 99.7 | 96.6 | 88.1 | 72.3 | 51.0 | 20.0 | 78.2 | 6763 |
| MAR | | 100.0 | 100.0 | 99.1 | 95.0 | 84.9 | 70.7 | 52.8 | 34.4 | 14.1 | 70.6 | 7439 |
| APR | | 100.0 | 99.6 | 94.5 | 82.6 | 68.6 | 53.5 | 37.4 | 23.6 | 10.9 | 62.6 | 7200 |
| MAY | | 100.0 | 98.4 | 89.0 | 74.8 | 60.7 | 47.8 | 35.7 | 23.6 | 11.8 | 59.8 | 7440 |
| JUN | | 100.0 | 99.7 | 94.0 | 82.0 | 68.6 | 56.3 | 44.7 | 31.4 | 15.4 | 64.8 | 7200 |
| JUL | | 100.0 | 99.9 | 96.5 | 86.5 | 73.2 | 59.8 | 47.2 | 34.7 | 17.7 | 67.1 | 7440 |
| AUG | | 100.0 | 99.8 | 97.6 | 91.1 | 81.9 | 71.9 | 60.8 | 48.5 | 29.0 | 73.8 | 7440 |
| SEP | | 100.0 | 100.0 | 99.8 | 97.1 | 90.4 | 80.2 | 68.0 | 54.2 | 34.1 | 78.1 | 7200 |
| OCT | | 100.0 | 100.0 | 99.9 | 97.7 | 91.3 | 80.2 | 67.1 | 52.6 | 34.0 | 78.0 | 7440 |
| NOV | | 100.0 | 100.0 | 100.0 | 99.8 | 98.4 | 94.2 | 84.6 | 65.7 | 32.5 | 83.1 | 7200 |
| DEC | | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 97.1 | 89.0 | 66.4 | 27.4 | 83.4 | 7422 |
| TOTALS | | 100.0 | 99.8 | 97.5 | 92.2 | 84.5 | 74.7 | 62.2 | 45.8 | 22.7 | 73.5 | 87579 |

USAFETAC

FORM
JUL 64

0-87-5 (OL II)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

25206 PRINCE GEORGE R C DDT APT
STATION

STATION NAME

57-66

PERIOD

JAN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20 | 30% | 40% | 50% | 60% | 70 | 80 | 90 | | |
| JAN | 00-02 | 100.0 | 100.0 | 100.0 | 99.9 | 99.9 | 98.2 | 91.7 | 68.0 | 28.3 | 84.1 | 923 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 98.5 | 90.2 | 67.7 | 29.8 | 84.0 | 919 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 98.8 | 90.3 | 70.7 | 29.7 | 84.4 | 915 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 97.6 | 87.3 | 63.9 | 25.4 | 82.7 | 922 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 99.9 | 98.1 | 94.3 | 75.4 | 49.6 | 17.8 | 79.0 | 930 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 99.8 | 98.5 | 93.7 | 79.7 | 52.9 | 20.1 | 79.9 | 930 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.8 | 99.5 | 97.3 | 87.7 | 63.2 | 25.3 | 82.7 | 929 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 97.3 | 90.1 | 67.0 | 29.8 | 83.5 | 927 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.9 | 99.4 | 97.0 | 86.6 | 62.9 | 25.8 | 82.5 | 7395 |

USAFETAC

FORM
JUL 64

0-87.5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

25206 PRINCE GEORGE H C DDT APT

57-66

FEB

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| FEB | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 96.6 | 93.4 | 81.2 | 60.3 | 26.1 | 81.5 | 846 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.8 | 99.2 | 95.5 | 83.6 | 65.6 | 25.7 | 82.4 | 844 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.8 | 99.1 | 96.3 | 86.1 | 65.8 | 26.5 | 82.7 | 844 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.9 | 98.5 | 90.3 | 73.5 | 49.2 | 16.1 | 78.3 | 845 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 99.5 | 91.6 | 77.0 | 53.1 | 32.4 | 10.3 | 72.0 | 846 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 98.9 | 90.7 | 75.3 | 54.0 | 32.7 | 10.9 | 71.9 | 846 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 96.7 | 87.5 | 70.9 | 48.7 | 20.1 | 77.7 | 846 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 98.3 | 89.5 | 74.0 | 53.1 | 24.1 | 79.4 | 846 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.7 | 96.6 | 88.1 | 72.3 | 51.0 | 20.0 | 78.2 | 6763 |

USAFETAC

FORM
JUL 64

0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

25206 PRINCE GEORGE H C DUT APT

57-66

MAY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|--------|-------------------|--|-------|------|------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAY | 00-02 | 100.0 | 100.0 | 99.7 | 97.1 | 89.7 | 74.6 | 60.0 | 41.0 | 22.0 | 74.3 | 930 |
| | 03-05 | 100.0 | 100.0 | 99.8 | 99.5 | 97.3 | 90.4 | 73.5 | 51.6 | 27.7 | 79.8 | 930 |
| | 06-08 | 100.0 | 100.0 | 99.7 | 97.7 | 87.1 | 66.5 | 44.3 | 30.1 | 16.1 | 69.8 | 930 |
| | 09-11 | 100.0 | 100.0 | 94.9 | 72.3 | 44.3 | 29.4 | 20.1 | 12.0 | 5.7 | 53.2 | 930 |
| | 12-14 | 100.0 | 97.3 | 73.0 | 44.8 | 27.1 | 19.2 | 13.9 | 7.4 | 1.7 | 44.1 | 930 |
| | 15-17 | 100.0 | 93.3 | 66.3 | 41.0 | 26.8 | 19.6 | 13.5 | 7.8 | 1.6 | 42.4 | 930 |
| | 18-20 | 100.0 | 96.8 | 80.1 | 57.8 | 39.7 | 27.7 | 20.8 | 13.2 | 6.1 | 49.7 | 930 |
| | 21-23 | 100.0 | 99.6 | 98.5 | 88.3 | 73.2 | 55.2 | 39.6 | 25.8 | 13.3 | 64.8 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 98.4 | 89.0 | 74.8 | 60.7 | 47.8 | 35.7 | 23.6 | 11.8 | 59.8 | 7440 |

USAFETAC

FORM
JUL 64

0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

25206 PRINCE GEORGE H C DUT APT

57-66

AUG

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| AUG | 00-02 | 100.0 | 100.0 | 100.0 | 99.9 | 98.7 | 95.8 | 91.3 | 78.2 | 52.0 | 87.6 | 930 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 98.6 | 95.3 | 87.8 | 63.0 | 90.7 | 930 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.8 | 99.1 | 96.0 | 87.8 | 73.7 | 44.2 | 85.9 | 930 |
| | 09-11 | 100.0 | 100.0 | 99.5 | 96.3 | 89.4 | 63.2 | 42.7 | 25.5 | 9.7 | 67.9 | 930 |
| | 12-14 | 100.0 | 99.8 | 94.9 | 78.4 | 55.7 | 36.6 | 21.9 | 12.3 | 5.4 | 55.9 | 930 |
| | 15-17 | 100.0 | 99.0 | 89.9 | 67.4 | 47.8 | 34.8 | 22.8 | 14.6 | 4.4 | 53.7 | 930 |
| | 18-20 | 100.0 | 99.8 | 96.9 | 88.0 | 73.2 | 59.8 | 44.2 | 31.2 | 15.4 | 66.4 | 930 |
| | 21-23 | 100.0 | 100.0 | 99.8 | 99.0 | 95.8 | 90.5 | 80.6 | 64.5 | 38.0 | 82.4 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.8 | 97.6 | 91.1 | 81.9 | 71.9 | 60.8 | 48.5 | 29.0 | 73.8 | 7440 |

USAFETAC

FORM
JUL 64

0-87-5 (OL 1)

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

20206 PRINCE GEORGE A C OUT APT
 STATION

57-66

SEP
 MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| SEP | 00-02 | 100.0 | 100.0 | 100.0 | 99.6 | 99.1 | 96.9 | 91.2 | 79.7 | 56.0 | 88.1 | 900 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.9 | 99.8 | 98.3 | 93.1 | 87.1 | 65.1 | 90.7 | 900 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 98.4 | 92.9 | 83.0 | 59.3 | 89.6 | 900 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.4 | 95.6 | 80.7 | 57.2 | 36.4 | 18.8 | 74.5 | 900 |
| | 12-14 | 100.0 | 100.0 | 99.4 | 92.6 | 71.4 | 46.4 | 28.0 | 16.8 | 7.8 | 61.6 | 900 |
| | 15-17 | 100.0 | 100.0 | 98.6 | 86.8 | 63.1 | 40.0 | 26.8 | 17.3 | 6.8 | 59.4 | 900 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 98.9 | 94.9 | 84.7 | 64.9 | 40.3 | 17.4 | 75.7 | 900 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.9 | 99.3 | 96.1 | 87.8 | 73.2 | 41.2 | 85.5 | 900 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.8 | 97.1 | 90.4 | 80.2 | 68.0 | 54.2 | 34.1 | 78.1 | 7200 |

USAFETAC

FORM
JUL 64

0-87-5 (OL 1)

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

25206 PRINCE GEORGE R C DUT APT

37-66

OCT

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|----------------|--|-------|-------|------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| OCT | 00-02 | 100.0 | 100.0 | 100.0 | 99.1 | 96.3 | 88.7 | 80.1 | 68.9 | 47.4 | 83.7 | 930 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.4 | 97.1 | 91.5 | 82.7 | 69.4 | 50.2 | 84.9 | 930 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.6 | 98.0 | 92.0 | 84.3 | 68.9 | 49.2 | 85.0 | 930 |
| | 09-11 | 100.0 | 100.0 | 99.8 | 98.4 | 93.9 | 82.3 | 63.4 | 44.7 | 25.5 | 76.6 | 930 |
| | 12-14 | 100.0 | 100.0 | 99.8 | 94.2 | 79.1 | 57.1 | 38.1 | 23.2 | 12.9 | 66.5 | 930 |
| | 15-17 | 100.0 | 100.0 | 99.6 | 93.7 | 76.7 | 56.8 | 41.0 | 27.5 | 15.4 | 66.6 | 930 |
| | 18-20 | 100.0 | 100.0 | 99.9 | 98.2 | 93.9 | 84.1 | 69.2 | 51.4 | 30.1 | 78.2 | 930 |
| | 21-23 | 100.0 | 100.0 | 99.9 | 98.7 | 93.6 | 88.9 | 78.1 | 64.7 | 40.9 | 82.1 | 930 |
| TOTALS | | 100.0 | 100.0 | 99.9 | 97.7 | 91.3 | 80.2 | 67.1 | 52.6 | 34.0 | 78.0 | 7440 |

USAFETAC

FORM
JUL 64

0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

25206 PRINCE GEORGE AFB OUT APT

57-66

NOV

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| NOV | 00-02 | 100.0 | 100.0 | 100.0 | 99.8 | 99.0 | 95.9 | 89.8 | 74.4 | 38.4 | 85.4 | 900 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.0 | 97.1 | 91.9 | 75.6 | 38.8 | 85.8 | 900 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 96.8 | 91.1 | 74.8 | 40.0 | 85.7 | 900 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.8 | 97.9 | 95.2 | 83.3 | 61.4 | 27.7 | 81.8 | 900 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 99.0 | 96.6 | 87.9 | 68.6 | 42.0 | 17.4 | 76.3 | 900 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 99.8 | 96.8 | 89.8 | 76.3 | 54.3 | 25.2 | 79.7 | 900 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 95.7 | 87.7 | 69.6 | 34.8 | 84.3 | 900 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 95.3 | 88.3 | 73.7 | 37.9 | 85.2 | 900 |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.8 | 98.4 | 94.2 | 84.6 | 65.7 | 32.5 | 83.1 | 7200 |

USAFETAC

FORM
JUL 64

0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

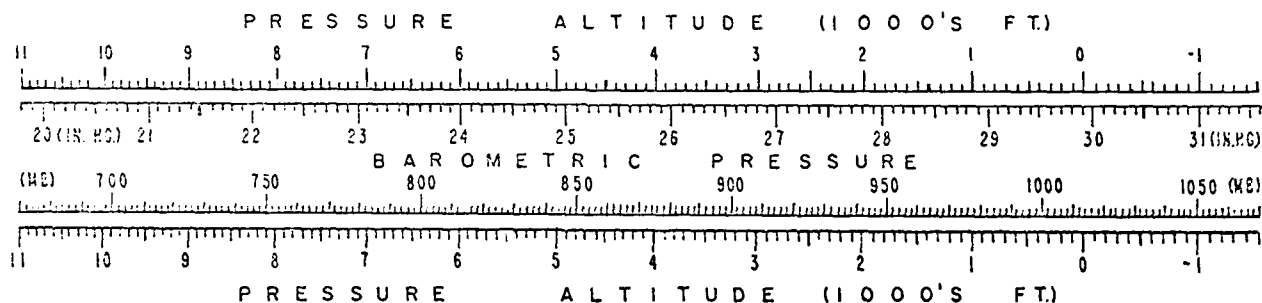
PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING DIVISION
USAF ETAC
AIR MEATER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

25206 PRINCE GEORGE B C OUT APT

57-66

| STATION | STATION NAME | YEARS | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|--------------|-------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| 01 | | | MEAN 27.63427.57527.54827.57927.60527.60627.66427.64927.64927.5927.56627.572 | | | | | | | | | | | | 27.603 |
| | | | S D .324 .265 .257 .218 .156 .131 .119 .137 .186 .255 .283 .298 | | | | | | | | | | | | .232 |
| | | | TOTAL OBS 310 282 310 300 310 300 310 310 300 310 300 310 300 310 | | | | | | | | | | | | 3652 |
| 04 | | | MEAN 27.63927.58027.55427.58927.61927.61927.67827.65827.65627.59127.56927.574 | | | | | | | | | | | | 27.611 |
| | | | S D .327 .267 .256 .220 .162 .136 .122 .142 .186 .256 .284 .298 | | | | | | | | | | | | .234 |
| | | | TOTAL OBS 310 282 310 300 310 300 310 310 300 310 300 310 300 310 | | | | | | | | | | | | 3652 |
| 07 | | | MEAN 27.63627.58327.56227.60327.63527.63127.69327.67427.67027.59727.57227.568 | | | | | | | | | | | | 27.619 |
| | | | S D .329 .272 .260 .222 .164 .139 .126 .146 .188 .258 .286 .298 | | | | | | | | | | | | .237 |
| | | | TOTAL OBS 310 282 310 300 310 300 310 310 300 310 300 310 300 310 | | | | | | | | | | | | 3652 |
| 10 | | | MEAN 27.65327.59527.56627.60027.62627.64127.68727.67327.67327.60727.58527.582 | | | | | | | | | | | | 27.623 |
| | | | S D .333 .275 .263 .223 .163 .138 .124 .144 .188 .259 .288 .302 | | | | | | | | | | | | .238 |
| | | | TOTAL OBS 310 282 310 300 310 300 310 310 300 310 300 310 300 310 | | | | | | | | | | | | 3652 |
| 13 | | | MEAN 27.63727.57927.54327.57727.59927.59727.66427.65327.65227.59327.56927.567 | | | | | | | | | | | | 27.603 |
| | | | S D .330 .272 .264 .218 .158 .133 .121 .138 .185 .256 .289 .302 | | | | | | | | | | | | .236 |
| | | | TOTAL OBS 310 282 310 300 310 300 310 310 300 310 300 310 300 310 | | | | | | | | | | | | 3652 |
| 16 | | | MEAN 27.63427.56527.52227.55627.57727.57627.64227.63027.63127.57927.56227.566 | | | | | | | | | | | | 27.587 |
| | | | S D .326 .268 .261 .211 .152 .130 .118 .133 .183 .256 .284 .301 | | | | | | | | | | | | .232 |
| | | | TOTAL OBS 310 282 310 300 310 300 310 310 300 310 300 310 300 310 | | | | | | | | | | | | 3652 |
| 19 | | | MEAN 27.63127.56227.52327.55227.57527.57427.63627.62327.62827.58027.55927.565 | | | | | | | | | | | | 27.584 |
| | | | S D .324 .267 .257 .208 .149 .126 .114 .133 .185 .254 .283 .300 | | | | | | | | | | | | .230 |
| | | | TOTAL OBS 310 282 310 300 310 300 310 310 300 310 300 310 300 310 | | | | | | | | | | | | 3652 |
| 22 | | | MEAN 27.63627.56527.53527.56927.59727.59427.65227.63727.64127.58527.56227.569 | | | | | | | | | | | | 27.595 |
| | | | S D .323 .269 .253 .212 .149 .127 .116 .136 .184 .255 .282 .300 | | | | | | | | | | | | .231 |
| | | | TOTAL OBS 310 282 310 300 310 300 310 310 300 310 300 310 300 310 | | | | | | | | | | | | 3652 |
| ALL HOURS | | | MEAN 27.63727.57527.54427.57827.60427.60227.66527.65027.65027.59027.56827.570 | | | | | | | | | | | | 27.603 |
| | | | S D .327 .269 .259 .217 .158 .134 .121 .140 .186 .256 .285 .300 | | | | | | | | | | | | .234 |
| | | | TOTAL OBS 2480 2256 2480 2400 2480 2400 2480 2480 2400 2480 2400 2480 2400 2480 | | | | | | | | | | | | 29216 |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HGS FROM HOURLY OBSERVATIONS

29200 PRINCE GEORGE R C OUT APT

57-66

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | | | | | | | | | | | |
|-----------|-----------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|--|--|--|--|--|--|--|--|
| HRS LST | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | | | | | | | | | | | |
| 01 | MEAN | 1019.7 | 1016.5 | 1014.8 | 1014.9 | 1015.1 | 1014.6 | 1016.3 | 1015.9 | 1016.6 | 1015.2 | 1015.7 | 1016.6 | 1016.0 | | | | | | | | | | | |
| | S D | 12.87 | 10.18 | 9.75 | 8.05 | 5.74 | 4.88 | 4.37 | 5.01 | 6.94 | 9.58 | 10.83 | 11.32 | 8.82 | | | | | | | | | | | |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 | | | | | | | | | | | |
| 04 | MEAN | 1019.9 | 1016.7 | 1015.0 | 1015.3 | 1015.7 | 1015.1 | 1016.8 | 1016.3 | 1016.9 | 1015.3 | 1015.9 | 1016.7 | 1016.3 | | | | | | | | | | | |
| | S D | 13.01 | 10.28 | 9.74 | 8.11 | 5.96 | 5.07 | 4.50 | 5.17 | 6.99 | 9.62 | 10.87 | 11.34 | 8.89 | | | | | | | | | | | |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 | | | | | | | | | | | |
| 07 | MEAN | 1020.0 | 1017.1 | 1015.7 | 1016.0 | 1016.1 | 1015.4 | 1017.3 | 1017.0 | 1017.7 | 1015.8 | 1016.2 | 1016.7 | 1016.7 | | | | | | | | | | | |
| | S D | 13.21 | 10.57 | 9.98 | 8.21 | 5.95 | 5.10 | 4.53 | 5.27 | 7.07 | 9.74 | 10.96 | 11.36 | 8.99 | | | | | | | | | | | |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 | | | | | | | | | | | |
| 10 | MEAN | 1020.6 | 1017.4 | 1015.7 | 1015.4 | 1015.8 | 1015.1 | 1017.1 | 1016.9 | 1017.7 | 1016.0 | 1016.6 | 1017.2 | 1016.8 | | | | | | | | | | | |
| | S D | 13.39 | 10.60 | 10.01 | 8.22 | 5.90 | 5.02 | 4.50 | 5.20 | 7.04 | 9.74 | 10.93 | 11.50 | 9.05 | | | | | | | | | | | |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 | | | | | | | | | | | |
| 14 | MEAN | 1019.8 | 1016.7 | 1014.6 | 1014.8 | 1014.8 | 1014.2 | 1016.3 | 1016.1 | 1016.8 | 1015.3 | 1015.9 | 1016.5 | 1016.0 | | | | | | | | | | | |
| | S D | 13.17 | 10.39 | 10.02 | 8.05 | 5.77 | 4.89 | 4.42 | 4.99 | 6.86 | 9.60 | 10.81 | 11.46 | 8.95 | | | | | | | | | | | |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 | | | | | | | | | | | |
| 16 | MEAN | 1019.7 | 1016.1 | 1013.8 | 1014.1 | 1014.2 | 1013.5 | 1015.5 | 1015.3 | 1016.0 | 1014.8 | 1015.7 | 1016.5 | 1015.4 | | | | | | | | | | | |
| | S D | 12.99 | 10.23 | 9.88 | 7.78 | 5.54 | 4.80 | 4.30 | 4.82 | 6.79 | 9.57 | 10.86 | 11.42 | 8.85 | | | | | | | | | | | |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 | | | | | | | | | | | |
| 19 | MEAN | 1019.8 | 1016.3 | 1014.2 | 1014.1 | 1013.9 | 1013.3 | 1015.3 | 1015.2 | 1015.1 | 1016.2 | 1015.9 | 1016.5 | 1015.5 | | | | | | | | | | | |
| | S D | 13.04 | 10.31 | 9.83 | 7.67 | 5.42 | 4.63 | 4.14 | 4.78 | 6.90 | 9.93 | 10.87 | 11.42 | 8.84 | | | | | | | | | | | |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 | | | | | | | | | | | |
| 22 | MEAN | 1020.0 | 1016.3 | 1014.5 | 1014.7 | 1014.8 | 1015.1 | 1015.8 | 1015.6 | 1016.3 | 1015.2 | 1015.8 | 1016.7 | 1015.8 | | | | | | | | | | | |
| | S D | 12.97 | 10.32 | 9.65 | 7.82 | 5.47 | 4.70 | 4.26 | 4.97 | 6.90 | 9.57 | 10.84 | 11.42 | 8.82 | | | | | | | | | | | |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 | | | | | | | | | | | |
| ALL HOURS | MEAN | 1019.9 | 1016.7 | 1014.8 | 1015.0 | 1015.1 | 1014.4 | 1016.3 | 1016.0 | 1016.8 | 1015.3 | 1015.9 | 1016.7 | 1016.1 | | | | | | | | | | | |
| | S D | 13.06 | 10.36 | 9.86 | 8.00 | 5.76 | 4.93 | 4.43 | 5.06 | 6.95 | 9.61 | 10.90 | 11.39 | 8.91 | | | | | | | | | | | |
| | TOTAL OBS | 2480 | 2256 | 2480 | 2400 | 2480 | 2400 | 2480 | 2480 | 2400 | 2480 | 2400 | 2480 | 29216 | | | | | | | | | | | |

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